

MADE IN U. S. A.

Maintenance Repair Parts Catalog

3½ Ton Capacity Chassis
Model 10-X



Stewart Motor Corporation
Buffalo, N. Y.

One copy of this catalog free with each truck Additional copies 50 cents extra

Posted Dec. 30, 2020 by Brian D. Szafranski, Elma NY USA Please do not reprint or republish for commercial profit.

How to Order Parts

In order to avoid delay, unnecessary correspondence, and have your orders filled correctly and promptly at the least possible expense, it is absolutely necessary that you co-operate with us in the following:

WHEN ORDERING PARTS SPECIFY

How we shall ship.

Where we shall ship.

How many of each part you want.

Part sym ol.

Name of part.

CAR NUMBER — AS STAMPED ON NAME PLATE ATTACHED TO EITHER SIDE OF THE COWL.

When parts are not included in parts list, give full description and Car Number. Order through dealer when possible.

TERMS

All prices are net, F. O. B. factory, Buffalo.

Accounts are opened only with Stewart dealers. Orders from individuals not accompanied by cash will be sent C. O. D.

Our responsibility ceases when parts are delivered in good condition to the transportation companies.

Claims for damage in transit are to be made by the consignee.

ALL PRICES QUOTED SUBJECT TO CHANGE WITHOUT NOTICE.

WHEN RETURNING PARTS FOR ANY PURPOSE

All packages or boxes should be plainly tagged with sender's name and address for identification when received.

Full particulars of shipment should be mailed to factory at time shipment goes forward.

Prepay all transportation charges.

DO NOT return for exchange or credit any parts worn through use, or damaged by accident.

Material on which a replacement or credit is expected must be returned, all charges prepaid, as soon as possible. Do not delay or you may lose your claim.

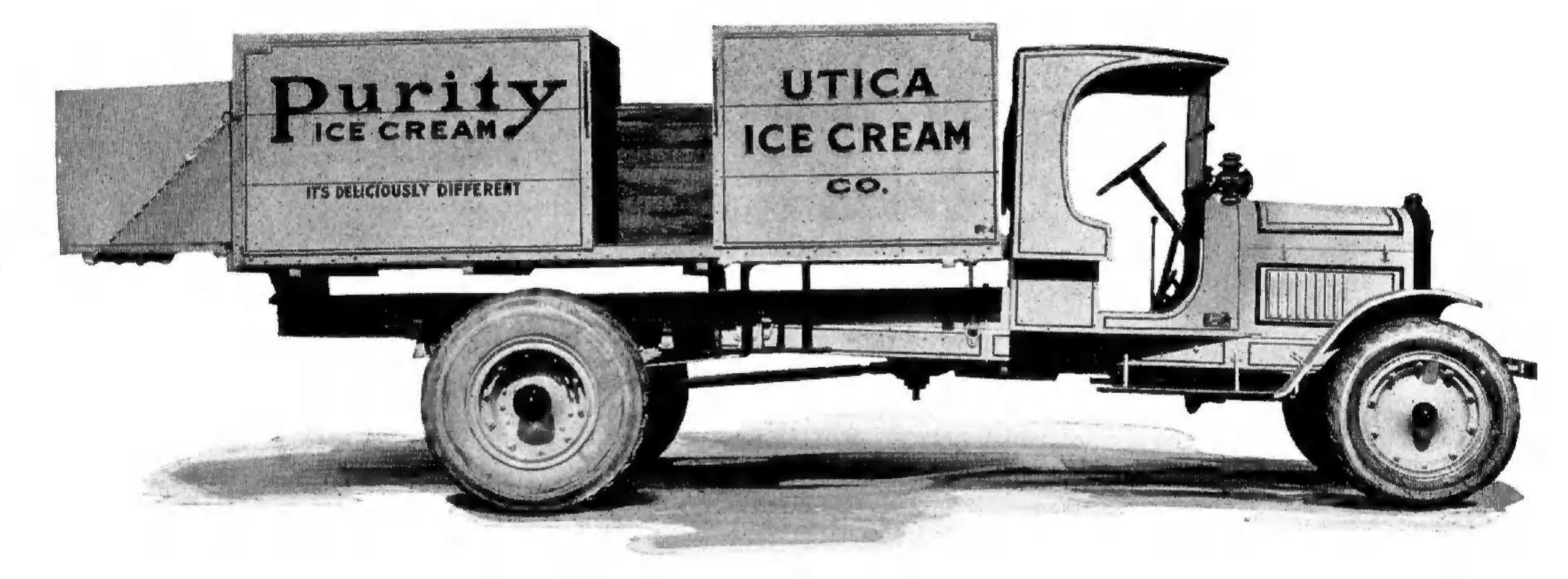
Telegraph Shipping Code

When ordering parts by telegraph, the message should invariably commence with shipping instructions. For economy and brevity, a code word, covering all general shipping instruction, has been provided below.

Following the shipping instructions should come the quantity of parts required, then part symbol, name of part, and Car Number.

Shipping Instructions Code

EXTEND	Ship to me (us) by express, the following:
EXTOL	Ship to me (us) by express, the following in care of:
EXTREME	Ship toby express, and charge to us the following:
EXTUDE	Ship toby express, C.O.D. (crediting us with discount) the following:
MASON	Ship to me (us) by parcel post, the following:
MASTER	Ship to me (us) by parcel post, the following in care of:
MAYOR	Ship toby parcel
MEDAL	Ship toby parcel post, C.O.D., (crediting us with discount) the following:
FABLE	Ship to me (us) by freight, the following:
FAINT	Ship to me (us) by freight, the following in care of:
FARCE	Ship toby freight. Order B-L (crediting us with discount) the following:
FARROW	Ship toby freight, and charge to us the following:
FACTOR	Ship to me (us) by freight, with carload, the following:
ACUTE	Advise date of shipment of our order:
SPINE	Ship with order:
LARCH	Parts ordered were shipped by express on
LEGATE	Parts ordered were shipped by mail on:
LUCID	Parts ordered were shipped by freight on:



Stewart Guarantee

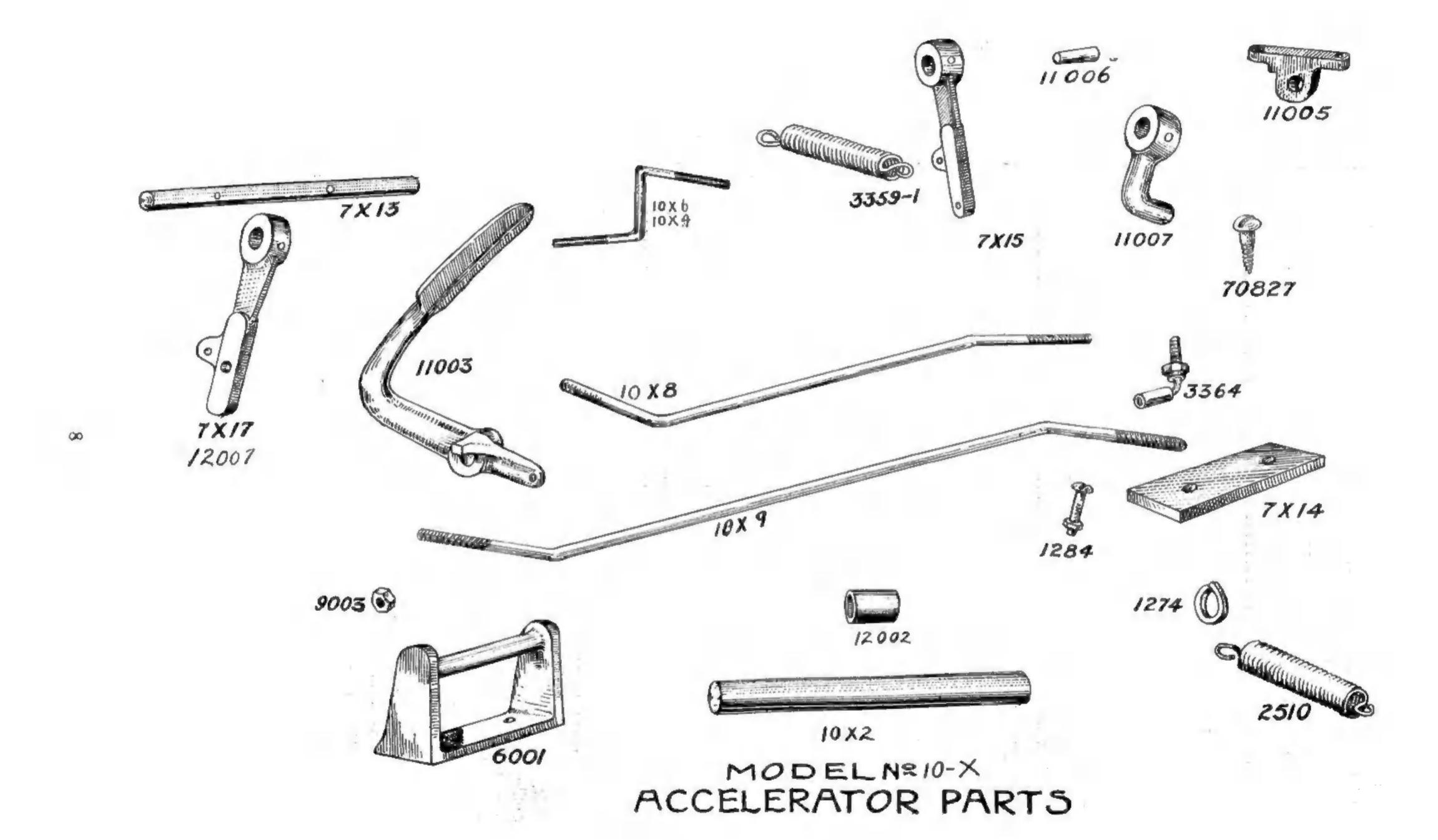
E WARRANT the new motor trucks manufactured by us to be free from defects in material and workmanship, this warranty being limited to making good at our factory any part or parts thereof which shall, within ninety (90) days after delivery of the truck to the original purchaser, be returned to us with transportation charges prepaid, and which our examination shall disclose to our satisfaction to have been defective.

We make no warranty whatever in respect to tires, rims, ignition apparatus, lamps, gas tanks, signaling devices, generators, batteries or other trade accessories, inasmuch as they are usually warranted separately by their respective manufacturers.

Stewart Motor Corporation BUFFALO, N. Y.

INDEX

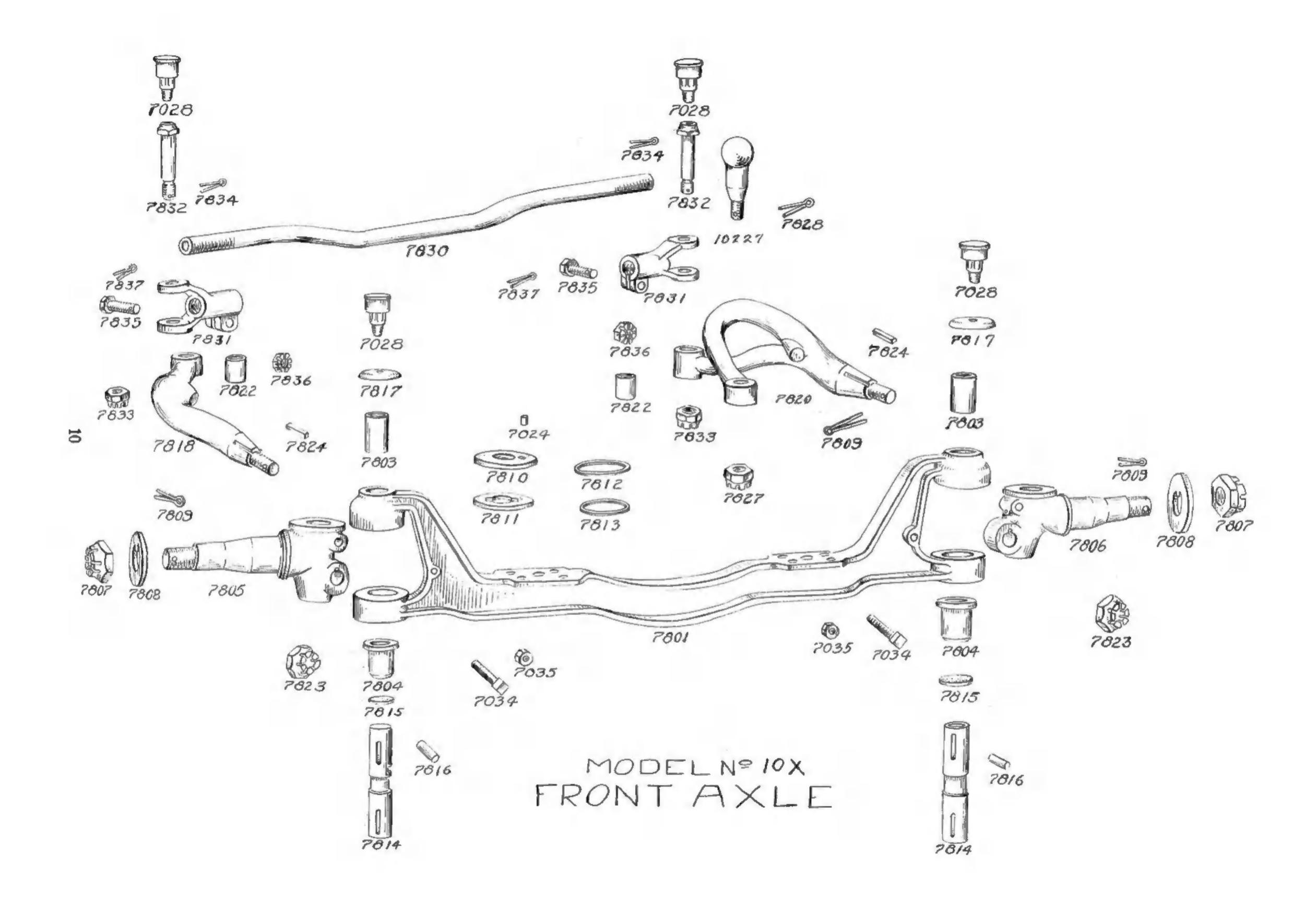
	Listed On Page	Illustrated On Page
Alamaia Caratana	-	On a uge
Alemite System		
Accelerator		8
Axle, Front		10
Axle, Rear		12-14
Battery	. 37	
Board (Running)		
Body		
Boot		16
Brake, Foot Control		18
Brake, Hand Control		20
Brake, Hand		20
Bumper	. 39	38
Cab	. 66	
Carburetor	. 19-21	
Clutch	. 64	62
Coupling, Magneto		
Control, Clutch		
Cowl	. 21-23	
Dump Body	. 70	
Engine		22-24-26
Engine Attaching Parts		
Equipment, Standard	. 33-35	
Equipment, Governor	. 33	
Fan		30
Fenders, Front		34
Fenders, Rear		0.1
Flywheel		
Frame		36
Frame Miscellany		00
Gear Steering		40
Governor		32
Headlights, Gas		32
Hood		
Hoist		
Hubodometer		
Ignition Magneto		
Ignition and Lighting (Magneto Generator)		
Instructions		
Lamps		
Line, Gasoline		40
Link, Drag		42
Muffler and Exhaust		46
Oiling Diagram		
Pump (Tire)		10
Radiator		48
Rims for Pneumatic Tires		
Shaft, Propellor 1st Type		50
Shaft, Propellor 2nd Type		52
Shaft, Crank		
Shield, Front		16
Speedometer		
Springs, Front	. 59	54
Springs, Rear		56
Seat, Drivers'		
Takeoff (Power for Hoist)	. 72	
Tank, Gasoline		44
Tank, Prestolite		,
Transmission		5 8-60
Tool Equipment		
Wheel, Front	. 65	
Wheel, Rear	. 65	
Windshield and Attaching Parts	. 67	



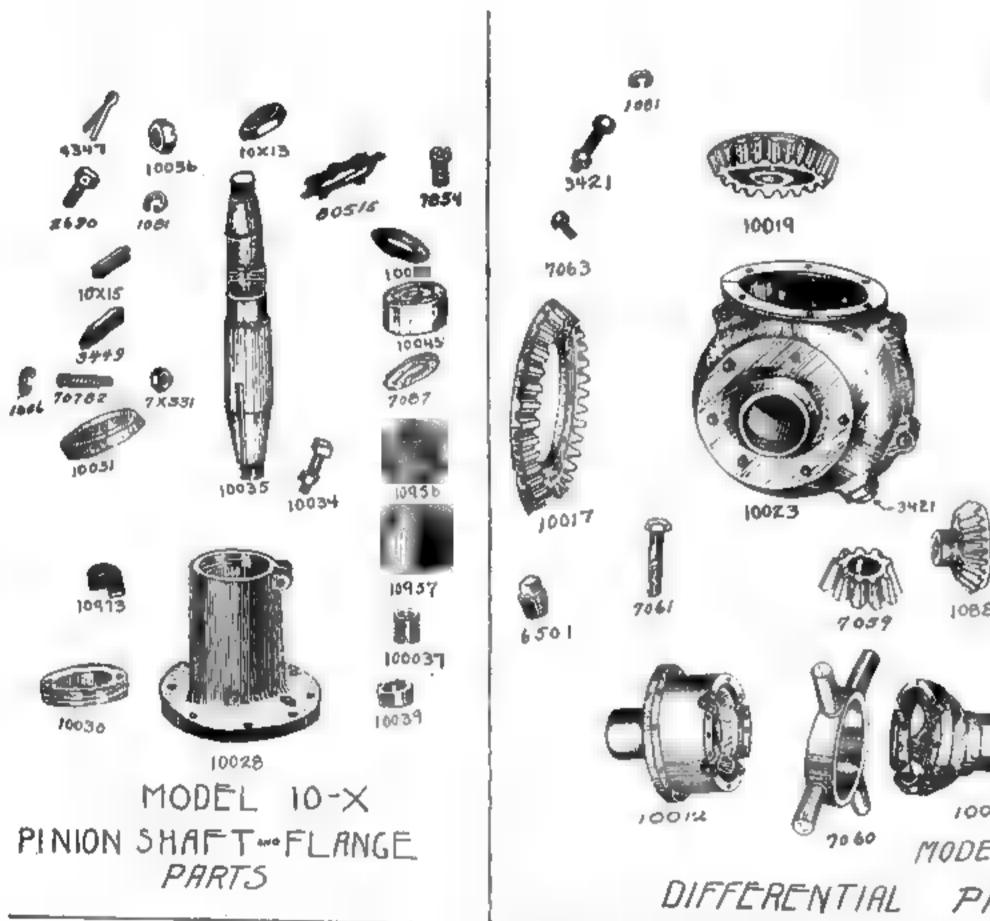
ACCELERATOR

(Illustrated on Page 8)

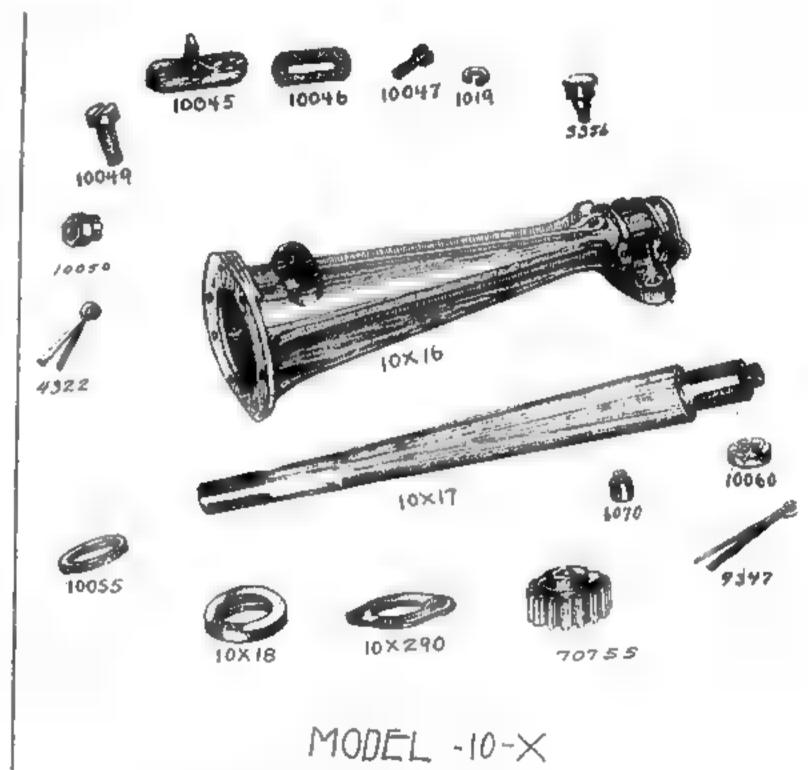
Catalog Number	Name of Part
10x1	Accelerator Complete Assembly Comprising Parts A to K
6001	"A" Accelerator Heel Rest
1006	Accelerator Heel Rest Screws
10x2	Accelerator Rocker Shaft
11005	Accelerator Rocker Shaft Bearings
70827	Accelerator Rocker Shaft Bearing Screws
7x15 11006	Accelerator Throttle Rocker Shaft Lever Taper Pin
3359-1	Accelerator Throttle Tension Spring
1006	Accelerator Throttle Rod Tension Spring Screw
7x15	Accelerator Rocker Shaft Lever
11006	Accelerator Rocker Shaft Lever Taper Pin
11003	Accelerator Foot Pedal
2510	Assolution Foot Pedal Tension Spring Screws
1006 12007	A analogotog Tongion Spring Hood Control Rocker Shall Lever
11007	A Investor Dooker Chaft Fingers
11006	A Deales Shaft Finger Taner Pins
12002	Accelerator Rocker Shaft Spacer
10x3	"B" Accelerator to Throttle Rod
10x4	A 1 Theothe Pod Rell Joints
3364 9003	Tit D 1 D-11 I wals Market
10x5	my
10x6	(ITM) AM III and Control Mod
3364	Ball Joints
9003	a a contract the state of the s
7×12 7×13	
7x14	A . I D. I Chaff Desertor Reinforcing Fixtes
1284	Spark Control Rocker Shaft Bearing Bolts
1274	Spark Control Rocker Shaft Lever
7x15	of 1 Coursel Dealess Chaff Lever Taber Fill
11006 7x17	of the total Declar Chaff Lavor
11006	WALL I Company Dealess Chaff Laver Taber Pin
10x7	Control Ded Accombin Comprising Parts H to L
10x8	"H" Spark Control Rod (Hand Control to Rocker Shaft)
3364	went of the Control Bod Look Nitte
9003 10x98	A 1 Cameral Dad Comprising Parts to Karanananananananananananananananananana
10x96	win Carala Control Dod (Rocker Shatt to Wag, J
3364	a 1 d - and Pod Rall Toint
9003	"K" Spark Control Rod Lock Nuts
	FRONT AXLE
	(Illustrated on Page 10)
10005	Front Axle Assembly Complete Less Hubs and Wheel Parts
7801	Front Axle Center with Bushings
7803	Front Ayle Center Bushings Only-Upper
7804	HEART AVIA L'ANTER KIISNINGS INIV==LUWCI
7805	Steering Knuckle-R. H
7806	Steering Knuckle—L. H
7807 7808	Steering Knuckle Spindle Nut Washer
7809	Steering Knuckle Spindle Cotter
7810	Steering Kunckie Spilling Tillust Masher Opper
7811	Steering Knuckle Spindle Thrust Washer-Lower
7812	Steering Knuckle Spindle Filler Washer—Thick
7813 7024	Steering Knuckle Spindle Filler Washer—Dowel
7814	Steering Knuckle Pivot Pin
7815	Steering Knuckle Pivot Pin Dust Felt
7816	Steering Knuckle Pivot Pin Locking Pin
7817	Steering Knuckle Pivot Pin Cover Plate
7028 7818	Steering Arm. Right Hand, Single with Bushing



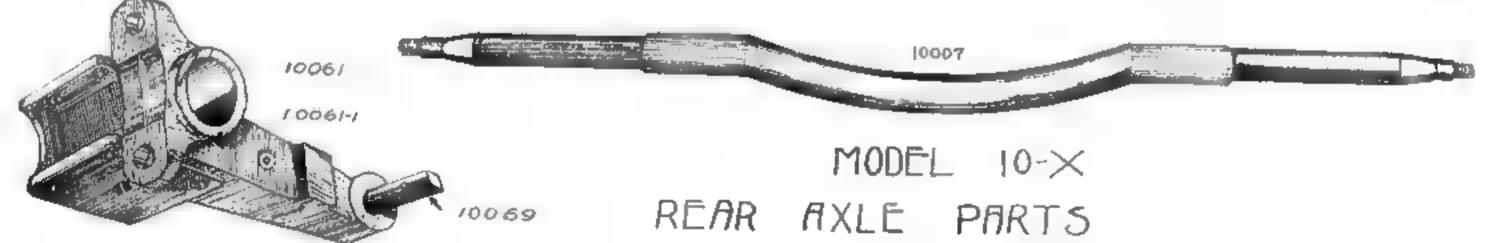
Catalog		Pieces
Number	Name of Part	Per Car
7820	Steering Arm, Left Hand, Double with Bushings	2
7 822 7823	Steering Arm Bushings	2
7824	Steering Arm Key	4
7809	Charling Appr Cattor	~
10227	Steering Arm Ball	
7827	Steering Arm Ball Nut	· -
7828	Steering Arm Ball Cotter	1
7829 7830	"H" Steering Cross Tube Only	1
7831	Steering Cross Tube Clevis	2
7835	Steering Cross Tube Clevis Clamp Bolt	2
7836	Steering Cross Tube Clevis Clamp Bolt Nut	_
7034 7035	Steering Arm Stop Screw	
7033 7834	"I" Steering Cross Tube Clamp Bolt Cotter	2
7028	Steering Cross Tube Clevis Bolt Grease Cup	2
7832	Steering Cross Tube Clevis Bolt	2
7833	Steering Cross Tube Clevis Bolt Nut	2
7837	(For Hubs and Hub Bearings, see Wheel Assembly)	
	REAR AXLE	
40.40	(Illustrated on Pages 12 and 14)	
10x10	Rear Axle Assembly Complete, Less Wheel, Hubs, Brake Drums, Internal Gears and Hub Bearings Comprising Parts A to L	. 1
10007	"A" Rear Axle Center (Load Carrying Member)	. î
10008	Rear Axle Spindle Washers	2
10009	Rear Axle Spindle Nuts	2
10x11 10010	Rear Axle Spindle Nut Cotters	. 2
10010	B to C	. 1
10012	"B" Differential Case Flanged Side-R. H	
10011	Differential Plain Side-L. H	
10880	Differential Side Gear (Splined Hole)	4
7059 7060	Differential Spider	
7061	Differential Case Bolts	
70428	Differential Thrust Washers	
70429	Differential Thrust Washer Pins Bevel Driving Gear, 10 to 1 Ratio, 39 Teeth, 4 Pitch	. 4
10017 7063	"C" Bevel Driving Gear Bolts	. 16
10020	Differential Bearing Assembly Comprising Parts D and E	. 2
10954	"D" Differential Bearing Roller Assembly	. 2
10955	"E" Differential Bearing Outer Race	. 2
10021 7067	Differential Thrust Bearing	
10023	Differential Gear Case or Outer Housing (to which Main Shaft Housing is attached)	
10 506	(Used on chassis No. 10001X to 10085X.)	. 1
10x586 7069	Differential Gear Case or Outer Housing (Used on Chassis No. 10086X and up) Differential Thrust Bearing Nuts	, 1
10x12	Differential Thrust Bearing Nut Felts	. 2
3421	Differential Gear Case Oil Hole Plug.,	. 1
10026	Differential Gear Case Clamp Screws	. 8
6501 10027	Differential Gear Case Drain Plug	, l
10027	"F" Pinion Flange	
10029	Pinion Flange Bearing Cage	
10973	Pinion Flange Cage Lock Plate	. 1
10034	Pinion Flange Clamp Bolt and Nut	. I
3856 10030	Pinion Flange Clamp Bolt Lock Washer	. i
10030	Pinion Flange Bearing Retainer Nut Felt	· 1
10035	Pinion Shaft	. 1
10043	Pinion Shaft Outer Bearing,	. 1
10x13 10x14	Pinion Shaft Outer Bearing Nut	. 2
10042	Pinion Shaft Inner Bearing Complete Comprising Parts G to H	. 1
10957	"G" Pinion Shaft Inner Bearing Outer Race	. i
10956	Pinion Shaft Inner Bearing Roller Assembly	. į
100037 10040	"H" Pinion Shaft Inner Bearing Inner Race	

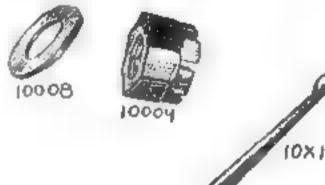






SPUR GEAR HOUSING PARTS



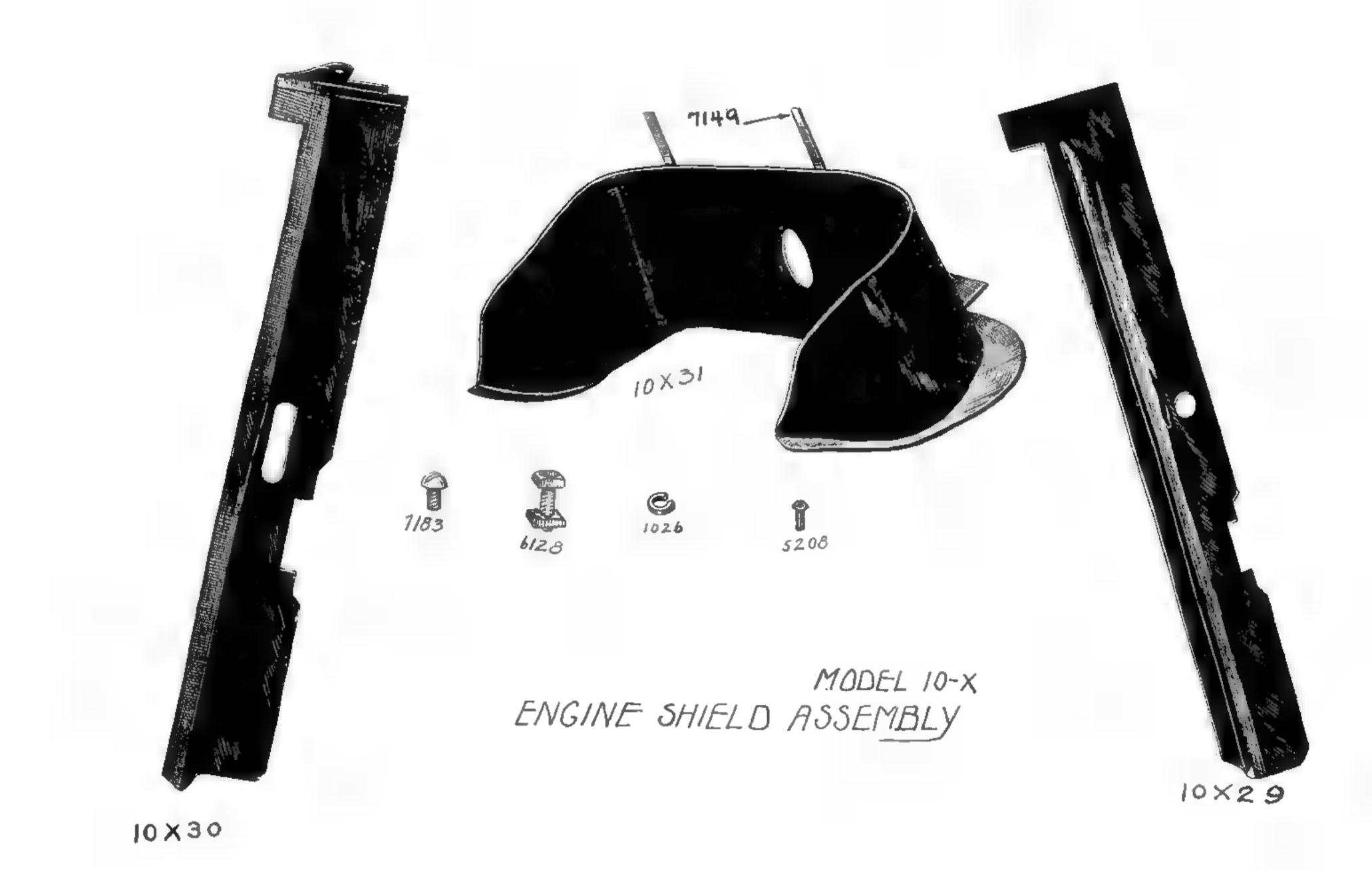


Catalog Number	Name of Part	Pieces Per Car
10040	Pinion Shaft Inner Bearing Retaining Washer-Rear	4
10039	Pinion Shaft Inner Bearing Spacing Collar	_
70782 7x331	Pinion Shaft Inner Bearing Sleeve Lock Screw	
1056	Pinion Shaft Inner Bearing Sleeve Lock Screw Lock Washer	
10019	Bevel Drive Pinion, 10 to 1 Ratio, 16 Teeth, 4 Pitch	1
10036	Pinion Shaft Pinion Nut	-
9347 10038	Pinion Shaft Pinion Nut Cotter	- 4
2690	Pinion Flange Cap Screw	
1981	Pinion Flange Cap Screw Lock Washer	
10037	Pinion Shaft Driving Flange Nut	
9347	Pinion Shaft Driving Flange Nut Cotter	-
10x15 10x16	Spur Gear Housing—R. H. (used on chassis up to 10054X see footnote)	
10x16-1	Spur Gear Housing-L. H. (used on chassis up to 10054X see footnote)	1
3356	Spur Gear Housing Grease Cup (used on chassis up to 10085X see footnote)	2
10049	Spur Gear Housing Flange Bolts (used on chassis up to 10085X see footnote)	12
5237 4322	Spur Gear Housing Flange Bolt Nuts (used on chassis up to 10085X see footnote) Spur Gear Housing Flange Bolt Cotters	12
10045	Spur Gear Housing Cover Plate	2
10046	Spur Gear Housing Cover Plate Gasket	2
10047	Spur Gear Housing Cover Plate Screws	. 8
1019	Spur Gear Housing Cover Plate Screw Lock Washers	
10x17 70755	Spur Gear Drive Shaft	
10060	Spur Gear Nuts	
9347	Spur Gear Nut Cotters	. 4
10043	Spur Gear Bearings (used on chassis No. 10001X to 10085X)	·
10x547	Spur Gear Bearing (used on chassis No. 10086X and up)	2
10x18	Spur Gear Felt Collar	2
10055 10x290	Spur Gear Bearing Clamp Plate	. 2
10061	Brake Flange with No. 10069 Stop Pin-R. H	T.
10061-1	Brake Flange with No. 10069 Stop Pin-L. H	1
10x19	Brake Flange Pins	2
10069	External Brake Stop Pins	. 4
10051 10052	Brake Flange Housing Tube End Screw Nuts	. 4
7x18	Brake Flange Housing Tube End Screw Cotters	. 4
10x20	Brake Disc-R. H	
10×21	Brake Disc-L. H	2
7864 7x28	Brake Disc Cover Plate	. 2
7866	Brake Disc Cover Plate Studs	. 2
7865	Brake Disc Cover Plate Wing Nuts	. 2
7867	Brake Disc Spacers	. 2
10x22	Brake Disc Bolts and Nuts-Long	. 4
7x29 1056	Brake Disc Bolt Lock Washer	. 2
5237	Brake Disc Bolt Nuts	. 4
4322	Brake Disc Bolt Cotter	, 4
10x23	External Brake Band Assembly—R. H	'. i
10x24 10066	"I" External Brake Band	. 2
10067	External Brake Band Facing	. 2
7897	External Brake Band Facing Rivets	. 50
10×25	External Brake Band Facing Rivets, Long	. 0
70854	External Brake Band Top Clips External Brake Band Bottom Clips	. 2
70855 10068	External Brake Band Stop Clips	, 2
70809	External Brake Band Bolt Clips	. 4
7x28	"K" External Brake Band Clip Rivets	. 44
70810	External Brake Adjusting Bolt	. 4
70923	External Brake Adjusting Bolt Nut	. 2
10×26 10×27	External Brake Support—L. H. Upper	. 4
6114	External Brake Support Cap Screws	. 8
	The Table of the Table of the transfer of the	
10	Spur Gear Housing R or L (used on chassis No. 10086X and up) Spur Gear Housing R or L (used on chassis No. 10086X and up) Spur Gear Housing Flange Bolts % In. (used on chassis No. 10086X and up)	. 12

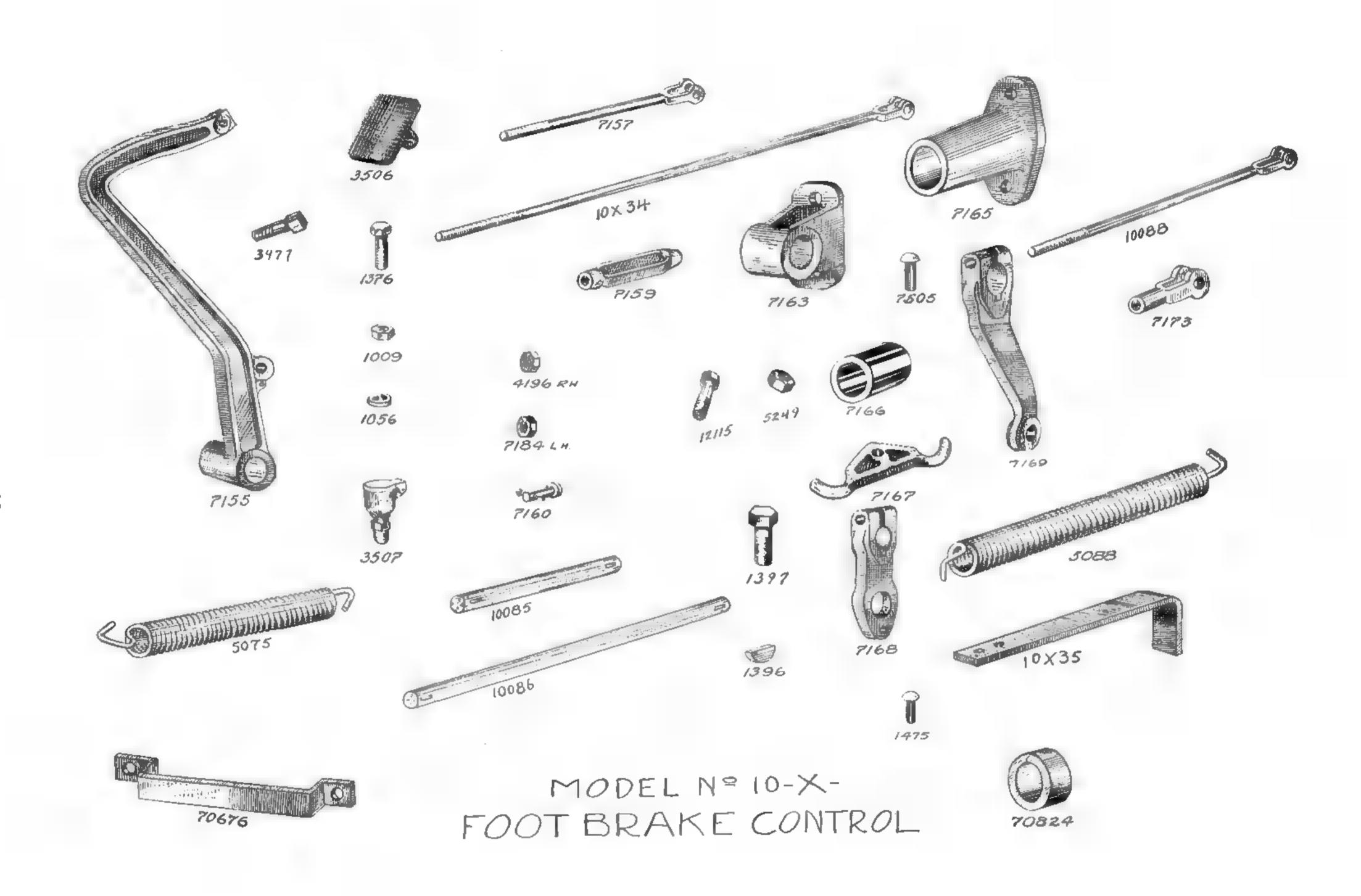




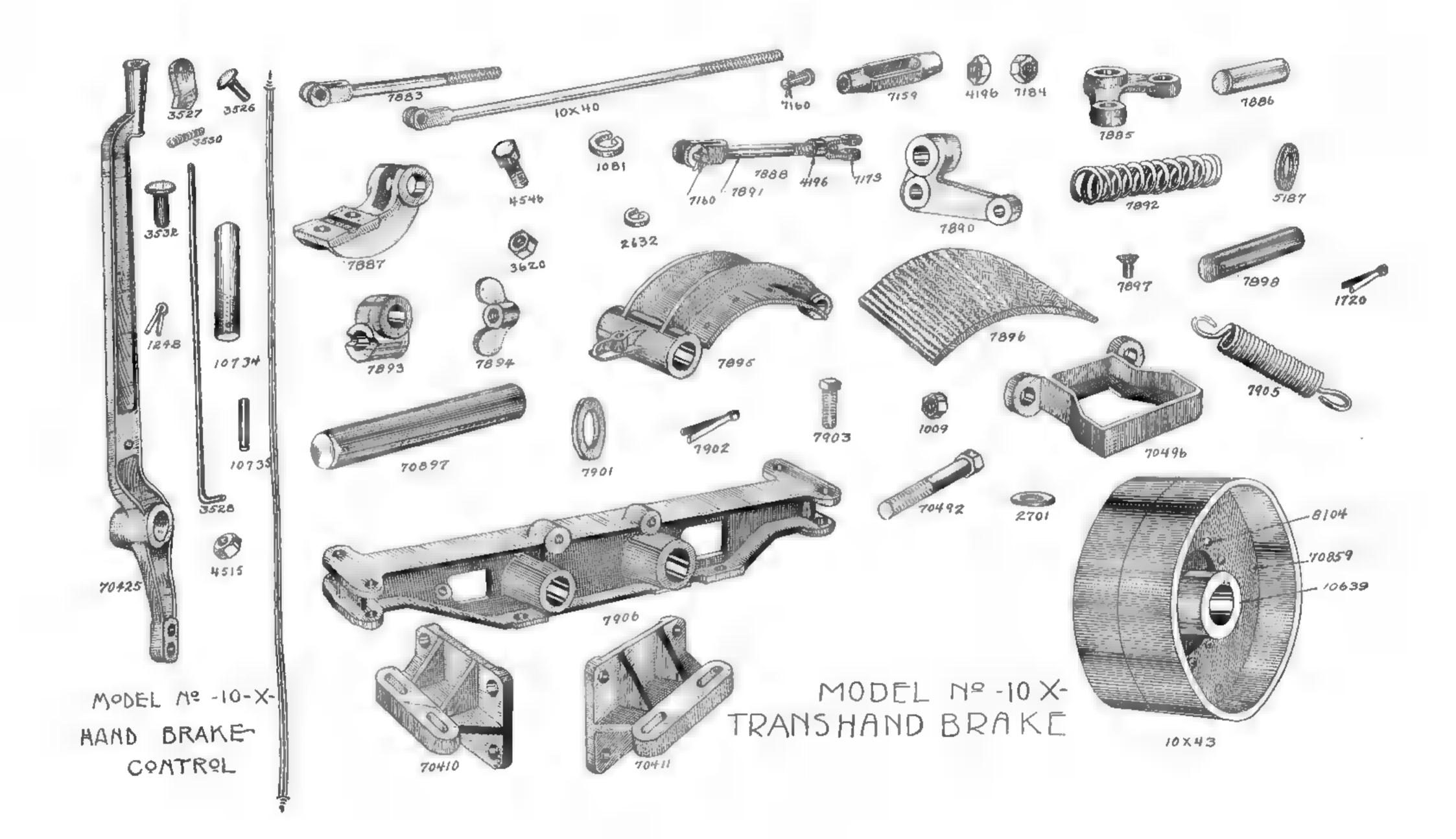
Catalog Number	Name of Part	Pieces Per Ca
7134 1081 12380 12381 70813 7134-1 10x28 7126 7126-1 7127 7128 7129 3856 7122 7123 1253 10070 10071 10x11	External Brake Lever—R. H. External Brake Support Screw Lock Washers External Brake Compression Spring External Brake Adjusting Bolt Washer External Brake Lever Spring External Brake Lever—L. H. External Brake Lever—Bushings External Brake Adjusting Yoke—R. H. External Brake Adjusting Yoke—L. H. External Brake Adjusting Yoke Turnbuckle External Brake Adjusting Yoke Turnbuckle Nut—R. H. External Brake Adjusting Yoke Turnbuckle Nut—L. H. External Brake Adjusting Yoke Turnbuckle Nut—L. H. External Brake Band Clip Pins External Brake Band Clip Pins External Brake Band Clip Pin Cotters External Brake Stop Clip Screws External Brake Stop Pin Spring "L" External Brake Stop Clip Screw Cotter For Hub See Wheels	844214112222266622
	ENGINE SHIELD (llustrated on Page 16)	
10x29 10x30 6128 1026	Engine Shield—R. H Engine Shield—L. H, Engine Shield Bolts Engine Shield Lock Washers	. 1 . 18 . 18
	FRONT ENGINE SHIELD	
10x31 7149 5208 7183 1026	Front Engine Shield with License Plate Brackets Front Engine Shield License Plate Brackets Front Engine Shield License Plate Bracket Rivets Front Engine Shield Screws Front Engine Shield Screw Lock Washers	1 2 4 4 4
	RUNNING BOARD (STANDARD EQUIPMENT)	
7150 10x32 7152 7153 5051 1476 2549 3899 1019 7154	Running Board—R. H. Running Board—L. H. Running Board Hanger Blocks Running Board Edge Blocks Running Board Step Hanger to Frame Running Board Step Hanger Rivets Running Board to Step Hanger Bolts and Nuts—short. Running Board to Step Hanger Bolts and Nuts—long. Running Board to Step Hanger Bolt Lock Washers Running Board Brace Rod	. 4 2 4 . 16 . 6 2 . 8
	RUNNING BOARD (ELECTRICAL EQUIPMENT)	
70858	Running Board-R. H	. 1
	FOOT BRAKE CONTROL (165" WHEEL BASE) (Illustrated on page 18)	
70933 7155 3506 1397 1009 1056 70824 3507 5075 10x33 7157 10x34 7159	Foot Brake Pedal Lever Assembly Comprising Parts A to "A" Foot Brake Pedal Lever Foot Brake Pedal Lever Pad Foot Brake Pedal Lever Pad Screw Foot Brake Pedal Lever Pad Screw Nut "B" Foot Brake Pedal Lever Pad Screw Lock Washer Foot Brake Pedal Lever Spacer Foot Brake Pedal Lever Oil Cup Foot Brake Pedal Lever Tension Spring Foot Brake Pedal Lever Tension Spring Foot Brake Pull Rod Assembly Comprising Parts C to D "C" Foot Brake Pull Rod—Short Foot Brake Pull Rod—Long	. 1 . 1 . 1 . 1 . 1



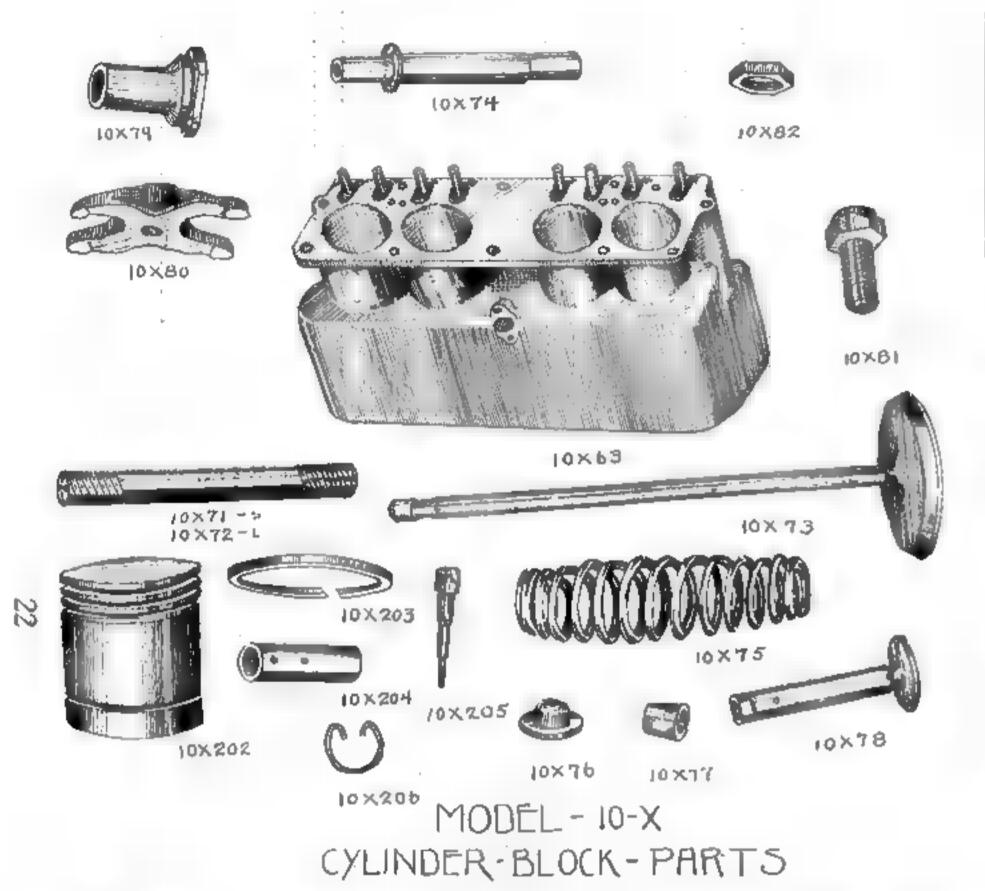
Catalog Number	Name of Part	Pieces Per Car
7163 3977 1056 7165 7505 7166 7167 10x499 7168 1376 1056 1396 70676 70825 7169 1376 1056 1396 10x35 1475 10087 10088 7173 4196 7160	Foot Brake Countershaft Inside Bearing Bolts Foot Brake Countershaft Inside Bearing Bolts Foot Brake Countershaft Inside Bearing Lock Washers Foot Brake Countershaft Outside Bearing Brots Foot Brake Countershaft Outside Bearing Rivets Foot Brake Countershaft Couliess Bushings Foot Brake Countershaft Equalizing Bar Foot Brake Countershaft Equalizing Bar Lever Assembly Comprising Parts E to F "E" Foot Brake Countershaft Equalizing Bar Levers. Foot Brake Countershaft Equalizing Bar Lever Clamp Screws "F" Foot Brake Countershaft Equalizing Lever Clamp Screw Lock Washer Foot Brake Countershaft Equalizing Lever Key Foot Brake Countershaft Equalizing Lever Stop Foot Brake Countershaft Axle Rod Lever Assembly Comprising Parts G to H "G" Foot Brake Countershaft Axle Rod Lever Clamp Screws. "H" Foot Brake Countershaft Axle Rod Lever Clamp Screws. "H" Foot Brake Countershaft Axle Rod Lever Clamp Screws. "H" Foot Brake Countershaft Axle Rod Lever Clamp Screws. "Foot Brake Countershaft Equalizer Lever Tension Spring Bracket Foot Brake Countershaft Equalizer Lever Tension Spring Bracket Foot Brake Countershaft Equalizer Lever Tension Spring Bracket Foot Brake Axle Rod Assembly Comprising Parts I to J. "I" Foot Brake Axle Rod Adjustable Yoke End Foot Brake Axle Rod Adjustable End Nut, "J" Foot Brake Axle Rod Clevis Pin Group.	44244122222122221122222
	FOOT BRAKE CONTROL (185" WHEEL BASE)	
10x36 10x37	All other parts are the same as listed under Foot Brake Control for 165" Wheel Base with exception of the following: Foot Brake Pull Rod Assembly Foot Brake Pull Rod—Long	1
	HAND BRAKE CONTROL (Illustrated on Page 20)	
70424 70425 3527 3526 3528 3532 3530 1248	Hand Brake Lever Assembly Comprising Parts A to B "A" Hand Brake Lever Conly Hand Brake Lever Latch Hand Brake Lever Latch Pivot Pin Hand Brake Lever Latch Rod Hand Brake Lever Latch Rod Button Hand Brake Lever Latch Rod Spring "B" Hand Brake Lever Latch Rod Cotter	1 1 1 1 1
	TRANSMISSION HAND BRAKE	
	(Illustrated on Page 20)	
10x38 10x39 7883 10x40 7159 4196 7184 7160 7885 7886 1720 7887 4546 3620 1081 7888 7891 7173 4196 7160 7890 7891 7160	Transmission Hand Brake Assembly Comprising Parts A to I "A" Hand Brake Pull Rod Assembly Comprising Parts B to C "B" Hand Brake Pull Rod—Short. Hand Brake Pull Rod—Long Hand Brake Pull Rod Turnbuckle Hand Brake Pull Rod Turnbuckle Nut—R. H. Hand Brake Pull Rod Turnbuckle Nut—L. H. "C" Hand Brake Pull Rod Clevis Pin Group. Hand Brake Rod Bell Lever Pin Hand Brake Rod Bell Lever Pin Hand Brake Pull Rod Bell Lever Bracket Hand Brake Pull Rod Bell Lever Bracket Hand Brake Pull Rod Bell Lever Bracket Screws. Hand Brake Pull Rod Bell Lever Bracket Screw Nuts Hand Brake Pull Rod Bell Lever Bracket Screw Nuts Hand Brake Connecting Link Assembly Comprising Parts D to E. "D" Hand Brake Connection Link Adjustable Yoke End Hand Brake Connection Link Adjustable Yoke End Nut. "E" Hand Brake Connecting Link Clevis Pin Group Hand Brake Toggle Adjusting Link Hand Brake Toggle Adjusting Link Hand Brake Toggle Adjusting Link Clevis Pin Group	1 1 1 1 1 1 2 1 2 1 2 2 2 1 1 1 1 2 1 1

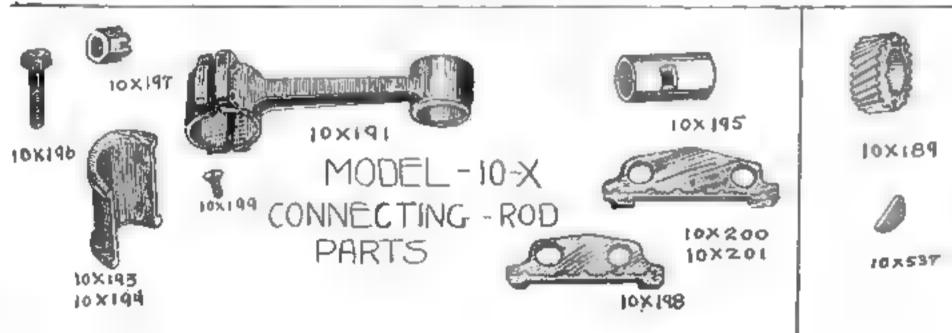


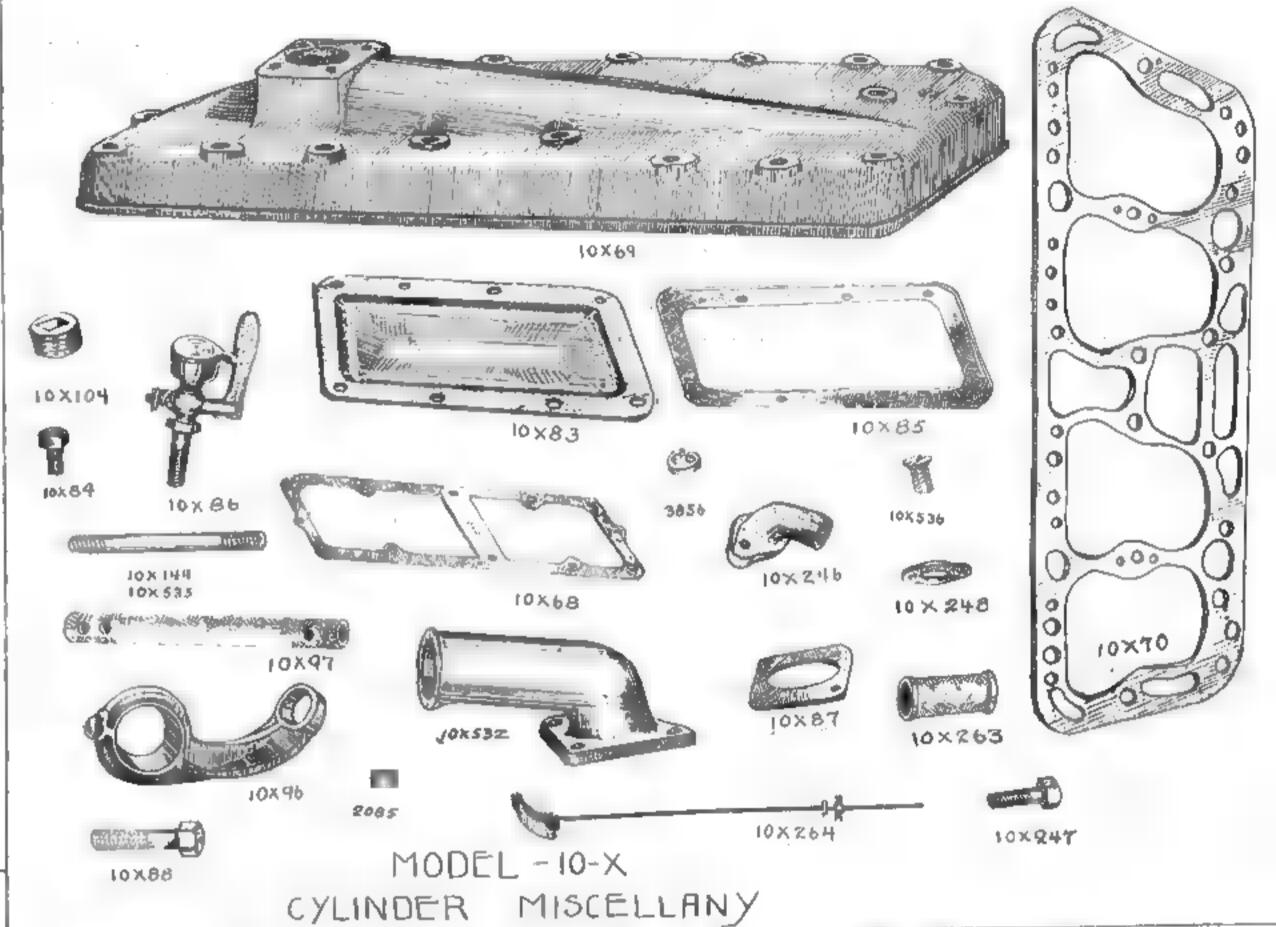
Catalog Number	Name of Part	Pieces Per Car
4196	Foot Brake Pull Rod Turnbuckle Nut-R. H. Thread	
7184	Foot Brake Pull Rod Turnbuckle Nut-L. H. Thread	1
7160 10085	"D" Foot Brake Pull Rod Clevis Pin Groups	2
10086	Foot Brake Countershaft—Short	1
5187	Hand Brake Toggle Adjusting Link Plain Washer	1
78 92 78 93	Hand Brake Toggle Adjusting Link Spring	1
7894	Hand Brake Toggle Lock	1
70508	Hand Brake Shoe Assembly Comprising Parts F to G	2
7895 7896	"F" Hand Brake Shoe	2
7896 7897	Hand Brake Shoe Lining Rivets	24 24
7898	Hand Brake Shoe Toggle Pin	2
1720 70897	Hand Brake Shoe Toggle Pin Cotter	2
7901	Hand Brake Shoe Studs	2
7902	Hand Brake Shoe Stud Cotter	2
7903	Hand Brake Shoe Set Screw	2
1009 7 905	Hand Brake Shoe Set Screw Nut	1
70490	Hand Brake Shoe Stop	I
7568	Hand Brake Shoe Stop Screw	2
2692 7906	Hand Brake Shoe Stop Screw Lock Washers	1
70492	Hand Brake Cross Member to Bracket Screws	4
3620	Hand Brake Cross Member to Bracket Screw Nuts	
2701 1081	Hand Brake Cross Member to Bracket Screw Plain Washer	4
70908	Hand Brake Cross Member Support Bracket-R. H	1
70909	Hand Brake Cross Member Support Bracket-L. H	1
7565 3620	Hand Brake Cross Member Support Bracket Screws	8
1081	Hand Brake Cross Member Support Bracket Screw Lock washer	8
10×41	Hand Brake Drum Assembly Comprising Parts H to I	1
10x42 70859	"H" Hand Brake Drum Stamping (not furnished separately)	1 4
10x43	Hand Brake Drum (not furnished separately)	i
8104	Hand Brake Drum Rivets	4
10639	"I" Drive Shaft Center Flange	1
	CARBURETOR	
	CARDURETUR	
10x44	Carburetor Complete Comprising Parts A to H	
7186 7187	"A" Carburetor Body	
7188	Carburetor Float Cover and Needle Valve Assembly Comprising Parts B to C	
7189	"B" Carburetor Float Cover	
7190 7191	Carburetor Needle Valve "G1"	1
7192	Carburetor Needle Valve Collar "G2"	1
7193	Carburetor Needle Valve Lever Axle	2
7194 7195	"C" Carburetor Needle Valve Weight "B"	
7196	Carburetor Needle Valve Seat Washer	1
7197	Carburetor Air Sleeve Body with Shutter Shaft and Lever Complete Comprising Parts D	
7198	to E	
7199	Carburetor Air Sleeve Band	1
7200	Carburetor Air Sleeve Band Screw ,	1
7201 7202	Carburetor Air Sleeve Band Nut	
7202	Carburetor Air Sleeve Shaft	1
7204	Carburetor Air Sleeve Lever	1
7205 7206	Carburetor Air Sleeve Lever Spring	
7 206 7 207	"E" Carburetor Air Sleeve Lever Cotter Pin	i
7208	Carburetor Air Intake Clamp Screw	1
10869	Carburetor. Butterfly Throttle Valve and Lever Assembly Comprising Parts F to G "F" Carburetor Butterfly Throttle Valve "T"	1
7210 7211	Carburetor Throttle Valve Lever "T1"	1

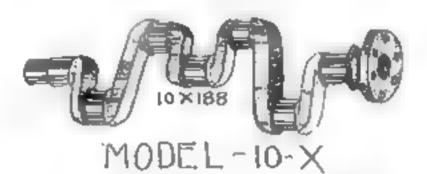


Catalog Number	Name of Part	Pieces Per Ca
7217	Carburetor Cap Jet "H"	1
7218 10x45	Carburetor Cap Jet Washer	I
7220	Carburetor Choke Tube "X" No. 26	1
7221	Carburetor Choke Screw Lock Washer	1
7224	Carburetor Compensating let No. 110	1
7225 7226	Carburetor Compensating let Washer	1
7227	Carouretor Cover Spring and Button 'R"	1
7228	Carburetor Cover Spring Screw "R1" Carburetor Channel Hole Screw "E1"	1
7229	Carburetor Channel Hole Screw Washer	1
7230	Carburetor Filter Screen "Dl"	1
7231 7232	Carburetor Filter Plug "D2"	1
7233	Carburetor Idling Screw "O"	1
7235	Carburetor Idling Lock Nut	i
7234	Carburetor Idling Tube "J"	1
7236	Carburetor Idling Hole Screw Washer	1
7237 7239	Carburetor I ower Plug 'I "	1
7240	Carburetor Lower Plug 'L"	1
2620-3	Carburetor Main Jet "G" No. 120	1
7242	Carburetor Main Jet Washer	1
7243 3573	Carburetor Friming Hole Screw	1
7245	Carburetor Secondary Well "P" No. 45. Carburetor Union Body "D"	1
7246	Carburetor Union Body Washer-Upper	1
7247	Carburetor Union Body \\ asher-Lower	1
3151	"H" Carburetor Gasoline Line Connection Nut	1
10x46 10x47	Carburetor Hot Air Tube Assembly with No 7197 Air Sleeve Body Complete	l 1
7252	Carburetor Hot Air Tube Cotter	1
10x48	Carburetor Gas Intake Pipe Spacer	1
1383	Carburetor Gas Intake Pipe Spacer Screws	4
7255 10×49	Carburetor Gas Intake Spacer Flange Gaskets	2
7x48	"A" Carburetor Heater-Upper Half	1
7×47	Carburetor Heater-Lower Half	1
10100	Carburetor Heater Bolts	4
1274 12106	"B" Carburetor Heater Bolt Washers	4
6690	Carburetor Dash Adjustment Screws	1
5212	Carburetor Dash Adjustment Screw Nuts	2
1274	Carburetor Dash Adjustment Lock Washer	2
	CLUTCH CONTROL	
70830	Clutch Pedal Lever Assembly Comprising Parts A to B	1
70493	"A" Clutch Pedal Lever	1
3506 1397	Clutch Pedal Lever Pad	1
1009	Clutch Pedal Lever Pad Screw Nut	1
1056	Clutch Pedal Lever Pad Screw Nut Lock Washer	1
11089	Clutch Pedal Lever Clamp Screws	1
4196	Clutch Pedal Lever Clamp Screw Nut	1
1840 5075	"B" Clutch Pedal Lever Clamp Screw Lock Washer	1
5190	Clutch Pedal Lever Tension Spring	1
2099	Clutch Pedal Lever Tension Bracket Rivets	2
10130	Clutch Pedal Adjusting Lever	1
3631	Clutch Pedal Adjusting Lever Key	1
139 7 1056	Clutch Pedal Adjusting Lever Clamp Screws	1
70831	Clutch Pedal Adjusting Lever Set Screws	1
1611	Clutch Pedal Adjusting Lever Set Screw Lock Nut	1
	COWL	
10x50	Cowl Assembly Complete Comprising Parts A to B	1
10x51	"A" Cowl Unly	1
10x52 7213	Cowl Instrument Board	1
7213 7x44	Carburetor Throttle Valve Lever Stop Screw	I
1 1	AMERICAN TO THE PROPERTY OF TH	1













10×190



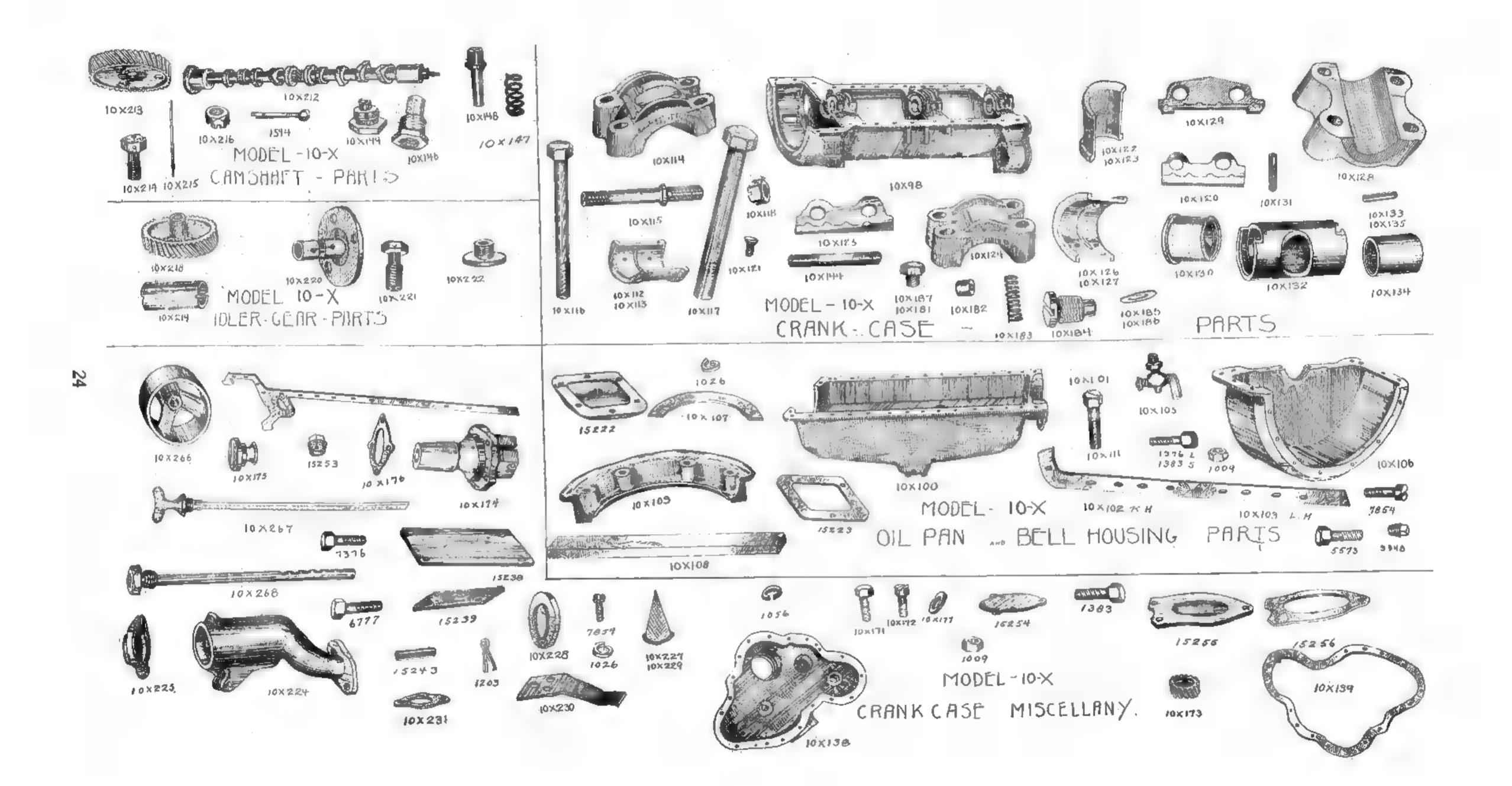


MODEL-10-X 10X210

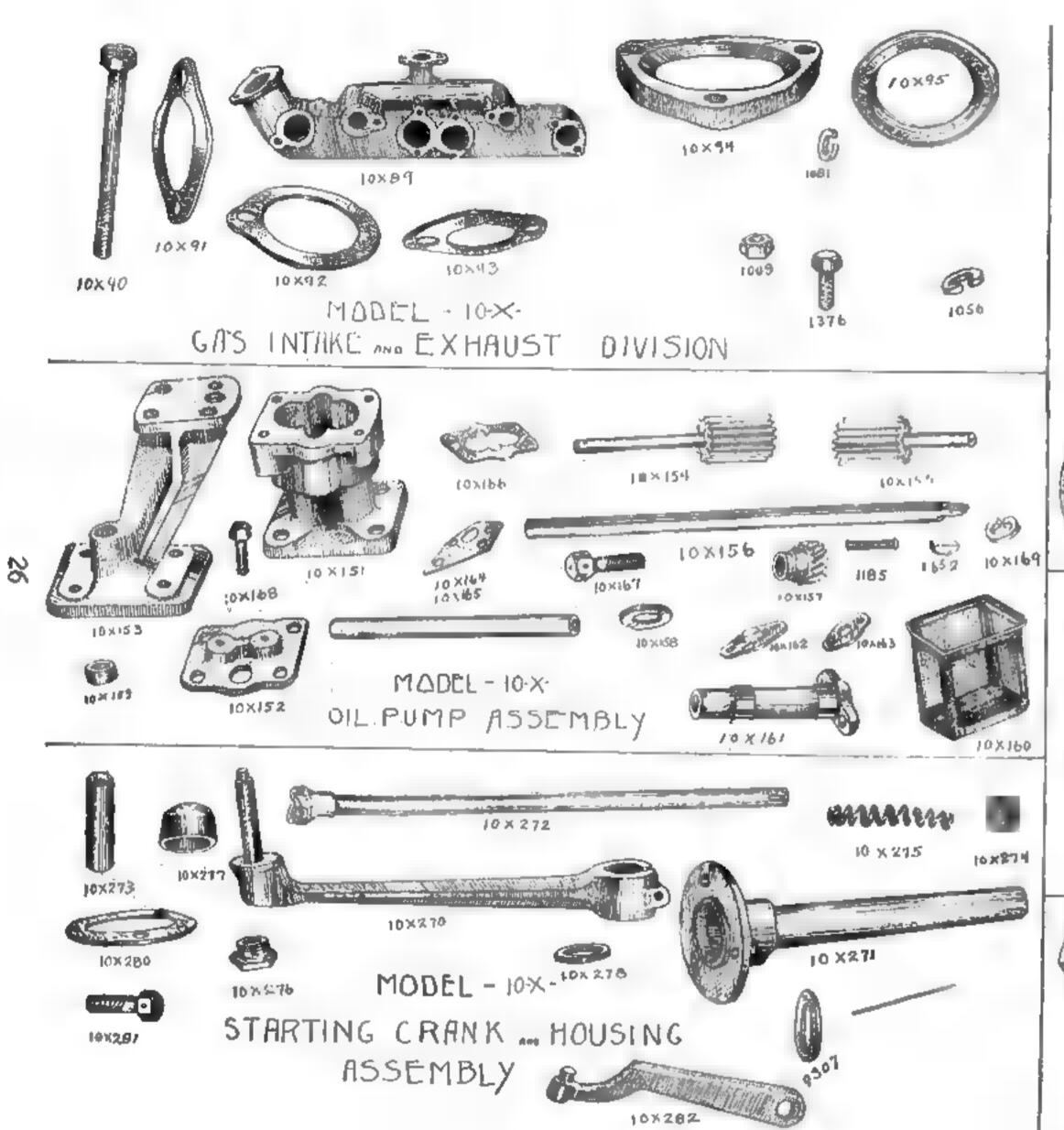
FLYWHEEL - PHRTS

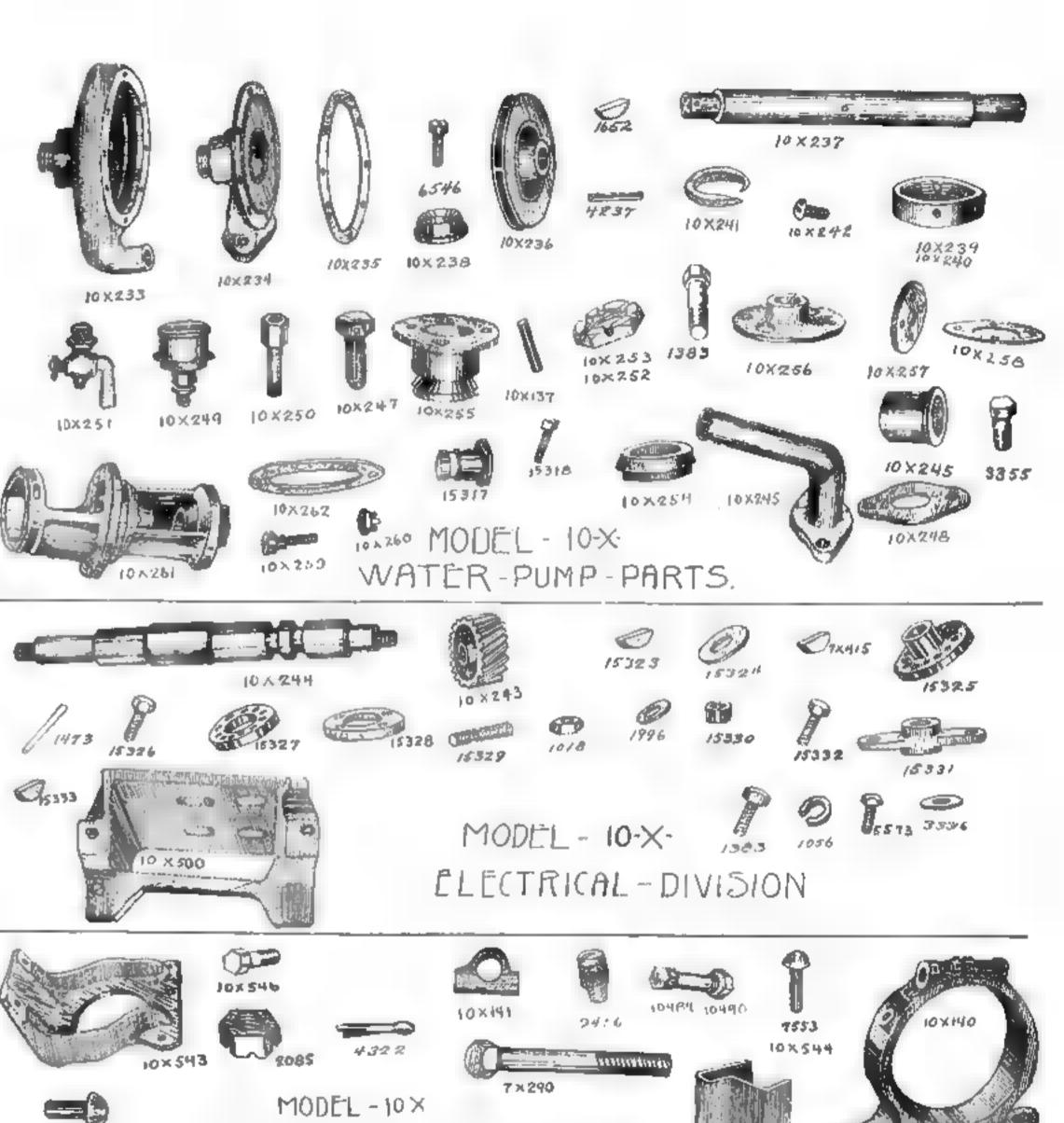
STEWART MOTOR CORPORATION, BUFFALO, N. Y.

7214 7215 7216 7x51 1026 10x53 10x54 7266 1026 10138 10x55 10x56 10142 12115 6704-1 1056 5249 10143 10144 1081 3620 11565 1273 1274 4651 1273 1274 10x57 1274 10x57 1273 1274 10x57 1274 10x57 1273	Carburetor Butterfly Throttle Lever Taper Pin "G" Carburetor Butterfly Set Screw Cowl Instrument Board Bolts Cowl Instrument Board Bolt Lock Washers Cowl Toe Board—Upper Cowl Toe Board—Lower Cowl Toe Board Bolts Cowl Toe Board Screws Cowl Toe Board Screws Cowl Toe Board—Front Cowl Foot Board—Front Cowl Foot Board—Rear Cowl Handle Bracket Screws Cowl Handle Bracket Screws Cowl Handle Bracket Screws Cowl Handle Bracket Screw Lock Washers Cowl Handle Bracket Screw Nuts Cowl Side Lamp Bracket Screw Lock Washers Cowl Name Plates Cowl Name Plates Cowl Oil Can Holder Cowl Oil Can Holder Bolts Cowl Oil Can Holder Bolts Cowl Caution Plate Bolts Cowl Curtain Fasteners	1112211551112426624442881221444
11100 6407	Cowl Curtain Fastener Screws Nuts	8
1274	Cowl Curtain Fastener Screw Lock Washer	8
	(Illustrated on Pages 22, 24, 26)	
10x62 10x66 10x65	Engine Assembly complete less Magneto Coupling Carburetor, Spark Plugs, Cables, etc. Cylinder Assembly with Pistons, Valves, Push Rods, Etc., Comprising Parts A to E Cylinder Assembly Comprising all Parts listed under above Assembly except Pistons and	1
10x64	Cylinder Block Only but Fitted with Pistons and Rings.	1
10x63 10x74 10x79 10x80 10x6 10x71 10x72 10x534 10x202 10x203 10x204 10x205 1428 10x206 10x73 10x75 10x75 10x76 10x77 10x78 10x81 10x82	"A" Cylinder Only Cylinder Valve Stem Guides Cylinder Valve Push Rod Guides Cylinder Valve Push Rod Crabs Cylinder Valve Push Rod Crabs Cylinder Head Studs (short) Cylinder Head Studs (long) Piston Assembly Comprising Parts C to D "C" Pistons Only Piston Rings Piston Pins Piston Pin Set Screws Piston Pin Set Screw Lock Washers "D" Piston Pin Retaining Springs Cylinder Valves Cylinder Valve Spring Cups Cylinder Valve Spring Cups Cylinder Valve Spring Retainers (in halves) Cylinder Valve Push Rods Cylinder Valve Push Rod Adjusting Screws "E" Cylinder Valve Push Rod Adjusting Screws "E" Cylinder Valve Push Rod Adjusting Screws "E" Cylinder Valve Push Rod Adjusting Screws "E" Cylinder Valve Push Rod Adjusting Screws	1884472444488888888888888888888888888888
10.45	(Illustrated on Page 22)	
10x69 10x70 2085 3856 10x86 10x83 10x85	Cylinder Head Gasket. Cylinder Head Stud Nuts. Cylinder Head Stud Nut Washers Cylinder Priming Cups. Cylinder Valve Enclosure Cover. Cylinder Valve Enclosure Cover Gasket	1



10x84 10x68 10x144 10x535 3856 10x97 10x96 10x536 10x536 10x532 10x87 10x88 1019 10x246 10x246 10x247 10x247 1019 10x263 10x263 10x264	Cylinder Valve Enclosure Cover Screw Lock Washers. Cylinder and Crank Case Gasket. Cylinder to Crank Case Attaching Studs (short). Cylinder to Crank Case Attaching Studs (long). Cylinder to Crank Case Attaching Stud Washers. Cylinder Spark Plug Cable Tubes. Cylinder Spark Plug Cable Tube Brackets. Cylinder Spark Plug Cable Tube Set Screw (¼x% Stove) Cylinder Spark Plug Cable Tube Set Screw Washers Cylinder Spark Plug Cable Tube Set Screw Washers Cylinder Water Outlet Manifold (on Cylinder Head). Cylinder Water Outlet Manifold Attaching Screws. Cylinder Water Outlet Manifold Attaching Screws Cylinder Water Outlet Manifold Attaching Screws Cylinder Water Inlet Connections (to Cylinder). Cylinder Water Inlet Connection Gasket. Cylinder Water Inlet Connection Screws. Cylinder Water Inlet Connection Screws. Cylinder Water Inlet Connection Screws Cylinder Water Inlet Connection Screws Cylinder Water Inlet Connection Screws Cylinder Water Inlet Connection Hose Clamps.	16 16 10 4 14 12 22 4 1 4 4 4 4 2 2 1 2
	CONNECTING ROD	
10x191 10x196 10x197 1203 10x193 10x194 10x199 10x198 10x200 10x201 10x195	Connecting Rod and Cap. Connecting Rod Bolts. Connecting Rod Bolt Nuts. Connecting Rod Bolt Nut Cotters. onnecting Rod Bearings (upper. Connecting Rod Bearings (lower). Connecting Rod Bearing Retaining Screws Connecting Rod Bearing Laminated Shims. Connecting Rod Bearing Brass Shims (thick). Connecting Rod Bearing Brass Shims (thin). "G" Connecting Rod Bushings (Piston Pin End).	488844328884
	CRANKSHAFT	
10x188 10x189 10x537 10x190	Crank Shaft	1
	FLYWHEEL .	
10x207 10x209 10x210 10x211 4322	Flywheel For Starter Less Gear Flywheel Ring Gear Flywheel Bolts Flywheel Bolt Nut Flywheel Bolt Nut Flywheel Bolt Nut Cotter	4
	CAM SHAFT	
10x212 10x213 10x214 10x215 10x216 4322 10x149 10x146 10x539 10x148 10x147	Cam Shaft Cam Shaft Gear Cam Shaft Gear Cam Screw Cam Shaft Gear Cap Screw Lock Wire Cam Shaft End Nut Cam Shaft End Nut Cam Shaft Thrust Spring Nut Cam Shaft Thrust Spring Housing Cam Shaft Thrust Spring Spacing Washers Cam Shaft Thrust Plug Plunger Cam Shaft Thrust Plug Plunger Cam Shaft Thrust Plug Plunger Spring	3 1 1 1 1 3
	IDLER GEAR	
10x218 10x219 10x133 10x220 10x221 10x208 10x222	Idler Gear and Bushing Idler Gear Bushing Idler Gear Bushing Dowel Idler Gear Stud or Shaft Idler Gear Stud Screws Idler Gear Stud Screw Lock Wire Idler Gear Stud Thrust Plug	1 1 3 1





ENGINE ATTACHING MISCELLANY

CRANK CASE

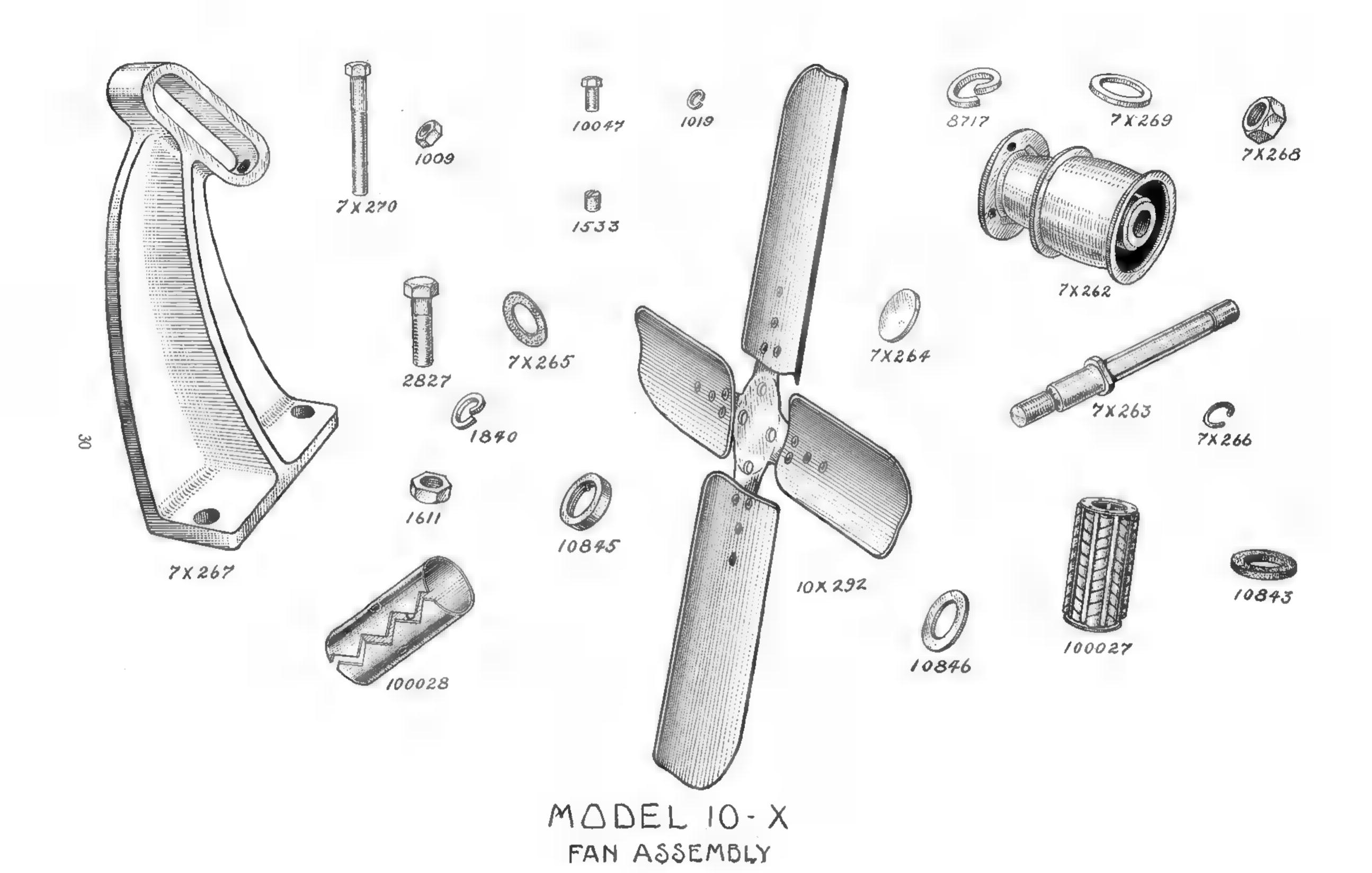
(Illustrated on Page 24)

10x99	Crankcase Assembly Comprising Part H to I	1
	"H" Crank Case Only (not furnished)	1
10x114	Crank Shaft Front Bearing Cap	2
10x115	Crank Shaft Front Bearing Cap Studs	2
10x116	Crank Shaft Front Bearing Cap Bolts	2
10x119	Crank Shaft Front Bearing Cap Bolt Nuts	4
4322	Crank Shaft Front Bearing Cap Bolt Cotters	4
10x112	Crank Shaft Front Bearing (upper)	1
10x113	Crank Shaft Front Bearing (lower)	1
10x121	Crank Shaft Front Bearing Retaining Screws	8
10x120	Crank Shaft Front Bearing Shims	2
10×124	Crank Shaft Center Bearing Cap	1
10x115	Crank Shaft Center Bearing Cap Studs	2
10x116	Crank Shaft Center Bearing Cap Bolts	2
10x119	Crank Shaft Center Bearing Bolt and Stud Nuts	4
4322	Crank Shaft Center Bearing Bolt and Stud Cotters	4
10x122	Crank Shaft Center Bearing (upper)	1
10x123	Crank Shaft Center Bearing (lower)	1
10x123 10x121	Crank Shaft Center Bearing Retaining Screws	8
10x121	Crank Shaft Center Bearing Laminated Shim	2
10x123	Crank Shaft Rear Bearing Cap	1
10x128	Crank Shaft Rear Bearing Cap Stud	2
10x338	Crank Shaft Rear Bearing Cap Bolt	2
10x117	Crank Shaft Rear Bearing Bolt and Stud Nuts	4
4322	Crank Shaft Rear Bearing Bolt and Stud Nut Cotter	4
	Crank Shaft Rear Bearing (upper)	1
10x126	Crank Shaft Rear Bearing (lower)	1
10x127	Crank Shaft Rear Bearing Retaining Screws	8
10x121	Crank Shaft Rear Bearing Laminated Shims	2
10x129	Cam Shaft Front Bearing	1
10x130	Cam Shaft Front Bearing Dowel Pin	1
10x131	Cam Shaft Center Bearing	1
10×132	Cam Shaft Center Bearing Dowel Pin	1
10x133	Cam Shaft Rear Bearing	1
10×134	Cam Shaft Rear Bearing Dowel Pin	1
10×135	Cam Shaft Dear Pearing Core Hold Dive	1
	Cam Shaft Rear Bearing Core Hold Plug	1 10
10x144	Crank Case to Cylinder Studs	1 10 1
10x144 10x540	Cam Shaft Rear Bearing Core Hold Plug	1 10 1 1
10x144 10x540 10x181	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder, Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug	1 10 1 1 1
10x144 10x540 10x181 10x182	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug Oil Pressure Regulating Valve Ball Seat	1 10 1 1 1 1
10x144 10x540 10x181 10x182 6600	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug Oil Pressure Regulating Valve Ball Seat	1 10 1 1 1 1
10x144 10x540 10x181 10x182 6600 10x183	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug Oil Pressure Regulating Valve Ball Seat	1 10 1 1 1 1 1
10x144 10x540 10x181 10x182 6600 10x183 10x184	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug Oil Pressure Regulating Valve Ball Seat Oil Pressure Regulating Valve Ball Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw	1 10 1 1 1 1 1 1
10x144 10x540 10x181 10x182 6600 10x183 10x184 10x185	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug Oil Pressure Regulating Valve Ball Seat Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Washer (thin .001).	1 10 1 1 1 1 1 7 2
10x144 10x540 10x181 10x182 6600 10x183 10x184 10x185 10x186	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug Oil Pressure Regulating Valve Ball Seat Oil Pressure Regulating Valve Ball Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Washer (thin .001). Oil Pressure Regulating Valve Screw Washer (thick 1-32)	1 10 1 1 1 1 1 7 2
10x144 10x540 10x181 10x182 6600 10x183 10x184 10x185	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug Oil Pressure Regulating Valve Ball Seat Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Washer (thin .001).	
10x144 10x540 10x181 10x182 6600 10x183 10x184 10x185 10x186	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug Oil Pressure Regulating Valve Ball Seat Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Washer (thin .001) Oil Pressure Regulating Valve Screw Washer (thick 1-32) "1" Oil Hole Plugs	
10x144 10x540 10x181 10x182 6600 10x183 10x184 10x185 10x186	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug Oil Pressure Regulating Valve Ball Seat Oil Pressure Regulating Valve Ball Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Washer (thin .001) Oil Pressure Regulating Valve Screw Washer (thick 1-32) "1" Oil Hole Plugs OIL PAN	
10x144 10x540 10x181 10x182 6600 10x183 10x184 10x185 10x186 10x186	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug Oil Pressure Regulating Valve Ball Seat Oil Pressure Regulating Valve Ball Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Washer (thin .001) Oil Pressure Regulating Valve Screw Washer (thick 1-32) "1" Oil Hole Plugs OIL PAN (Illustrated on Page 24)	2
10x144 10x540 10x181 10x182 6600 10x183 10x184 10x185 10x186	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug Oil Pressure Regulating Valve Ball Seat Oil Pressure Regulating Valve Ball Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Washer (thin .001) Oil Pressure Regulating Valve Screw Washer (thick 1-32) "1" Oil Hole Plugs OIL PAN (Illustrated on Page 24) Oil Pan Assembly Comprising Parts I to K.	2
10x144 10x540 10x181 10x182 6600 10x183 10x184 10x185 10x186 10x187	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder, Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug Oil Pressure Regulating Valve Ball Seat Oil Pressure Regulating Valve Ball Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Washer (thin .001) Oil Pressure Regulating Valve Screw Washer (thick 1-32) "1" Oil Hole Plugs OIL PAN (Illustrated on Page 24) Oil Pan Assembly Comprising Parts J to K. "J" Oil Pan Only	2
10x144 10x540 10x181 10x182 6600 10x183 10x184 10x185 10x186 10x187	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder, Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug Oil Pressure Regulating Valve Ball Seat Oil Pressure Regulating Valve Ball Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Washer (thin .001). Oil Pressure Regulating Valve Screw Washer (thick 1-32) "1" Oil Hole Plugs OIL PAN (Illustrated on Page 24) Oil Pan Assembly Comprising Parts J to K. "J" Oil Pan Only Oil Pan Trough	1 1 1 1
10x144 10x540 10x181 10x182 6600 10x183 10x184 10x185 10x186 10x187	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder, Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug Oil Pressure Regulating Valve Ball Seat Oil Pressure Regulating Valve Ball Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Washer (thin .001). Oil Pressure Regulating Valve Screw Washer (thick 1-32) "1" Oil Hole Plugs OIL PAN (Illustrated on Page 24) Oil Pan Assembly Comprising Parts J to K. "J" Oil Pan Only Oil Pan Trough Oil Pan Trough Screws	1 1 1 6
10x144 10x540 10x181 10x182 6600 10x183 10x184 10x186 10x186 10x187	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug Oil Pressure Regulating Valve Ball Seat Oil Pressure Regulating Valve Ball Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Washer (thin .001) Oil Pressure Regulating Valve Screw Washer (thick 1-32) "1" Oil Hole Plugs OIL PAN (Illustrated on Page 24) Oil Pan Assembly Comprising Parts J to K "J" Oil Pan Only Oil Pan Trough Oil Pan Trough Screws "K"Oil Pan Trough Screws "K"Oil Pan Trough Screws "K"Oil Pan Trough Screws Washers.	1 1 1 1
10x144 10x540 10x181 10x182 6600 10x183 10x184 10x185 10x186 10x187	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder, Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug Oil Pressure Regulating Valve Ball Seat Oil Pressure Regulating Valve Ball Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Washer (thin .001) Oil Pressure Regulating Valve Screw Washer (thick 1-32) "1" Oil Hole Plugs OIL PAN (Illustrated on Page 24) Oil Pan Assembly Comprising Parts J to K "J" Oil Pan Only Oil Pan Trough Oil Pan Trough Screws "K"Oil Pan Trough Screws "K"Oil Pan Trough Screw Washers Oil Pan Hand Hole Cover	1 1 1 6
10x144 10x540 10x181 10x182 6600 10x183 10x184 10x186 10x186 10x187	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder, Studs Crank Case Oil Distributing Pipe Oil Pressure Regulating Valve Ball Oil Pressure Regulating Valve Ball Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Washer (thin .001) Oil Pressure Regulating Valve Screw Washer (thick 1-32) "1" Oil Hole Plugs OIL PAN (Illustrated on Page 24) Oil Pan Assembly Comprising Parts J to K "J" Oil Pan Only Oil Pan Trough Oil Pan Trough Screws "K"Oil Pan Trough Screw Washers Oil Pan Hand Hole Cover Oil Pan Hand Hole Cover Gasket	1 1 1 6 6 1 1
10x144 10x540 10x181 10x182 6600 10x183 10x184 10x185 10x186 10x187 10x100 10x541 10x101 7854 1026 15222	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder, Studs Crank Case Oil Distributing Pipe Oil Pressure Regulating Valve Ball Seat Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Washer (thin .001). Oil Pressure Regulating Valve Screw Washer (thick 1-32) "I" Oil Hole Plugs OIL PAN (Illustrated on Page 24) Oil Pan Assembly Comprising Parts J to K "J" Oil Pan Only Oil Pan Trough Oil Pan Trough Screws "K"Oil Pan Trough Screw Washers. Oil Pan Hand Hole Cover Gasket Oil Pan Hand Hole Cover Gasket Oil Pan Hand Hole Cover Cap Screws.	1 1 1 6 6 1 1 6
10x144 10x540 10x181 10x182 6600 10x183 10x184 10x185 10x186 10x187 10x187	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder, Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug Oil Pressure Regulating Valve Ball Seat Oil Pressure Regulating Valve Ball Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Washer (thin .001) Oil Pressure Regulating Valve Screw Washer (thick 1-32) "I" Oil Hole Plugs OIL PAN (Illustrated on Page 24) Oil Pan Assembly Comprising Parts J to K "J" Oil Pan Only Oil Pan Trough Oil Pan Trough Screws "K"Oil Pan Trough Screw Washers Oil Pan Hand Hole Cover Gasket Oil Pan Hand Hole Cover Cap Screws Oil Pan Hand Hole Cover Lock Washer.	1 1 1 6 6 1 1
10x144 10x540 10x181 10x182 6600 10x183 10x184 10x185 10x186 10x187 10x101 7854 10x6 15222 15223 5573	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder, Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Oil Pressure Regulating Valve Ball Scat Oil Pressure Regulating Valve Ball Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Washer (thin .001) Oil Pressure Regulating Valve Screw Washer (thick 1-32) "I" Oil Hole Plugs OIL PAN (Illustrated on Page 24) Oil Pan Assembly Comprising Parts J to K "J" Oil Pan Only Oil Pan Trough Oil Pan Trough Screws "K"Oil Pan Trough Screws "K"Oil Pan Trough Screw Washers Oil Pan Hand Hole Cover Gasket Oil Pan Hand Hole Cover Cap Screws Oil Pan Hand Hole Cover Lock Washer Oil Pan Hand Hole Cover Drain Plug.	1 1 1 6 6 1 1 6
10x144 10x540 10x181 10x182 6600 10x183 10x184 10x186 10x186 10x187 10x101 7854 1026 15222 15223 5573 1056	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder, Studs Crank Case Oil Distributing Pipe Oil Pressure Regulating Valve Ball Seat Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Washer (thin .001). Oil Pressure Regulating Valve Screw Washer (thick 1-32) "I" Oil Hole Plugs OIL PAN (Illustrated on Page 24) Oil Pan Assembly Comprising Parts J to K "J" Oil Pan Only Oil Pan Trough Oil Pan Trough Screws "K"Oil Pan Trough Screw Washers. Oil Pan Hand Hole Cover Gasket Oil Pan Hand Hole Cover Gasket Oil Pan Hand Hole Cover Cap Screws.	1 1 1 6 6 1 1 6
10x144 10x540 10x181 10x182 6600 10x183 10x184 10x185 10x186 10x187 10x101 7854 10x101 7854 1026 15222 15223 5573 1056 3948 10x105 10x106	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder, Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug Oil Pressure Regulating Valve Ball Scat Oil Pressure Regulating Valve Ball Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Washer (thin .001) Oil Pressure Regulating Valve Screw Washer (thick 1-32) "1" Oil Hole Plugs OIL PAN (Illustrated on Page 24) Oil Pan Assembly Comprising Parts J to K "J" Oil Pan Only Oil Pan Trough Oil Pan Trough Screws "K"Oil Pan Trough Screw Washers Oil Pan Hand Hole Cover Oil Pan Hand Hole Cover Gasket Oil Pan Hand Hole Cover Gasket Oil Pan Hand Hole Cover Lock Washer Oil Pan Hand Hole Cover Drain Plug. Oil Pan Drain Cock Oil Pan Drain Cock Oil Pan Bell Housing	1 1 1 6 6 1 1 6
10x144 10x540 10x181 10x182 6600 10x183 10x184 10x185 10x186 10x187 10x101 7854 10x101 7854 1026 15222 15223 5573 1056 3948 10x105 10x106 10x109	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug Oil Pressure Regulating Valve Ball Scat Oil Pressure Regulating Valve Ball Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Washer (thin .001) Oil Pressure Regulating Valve Screw Washer (thick 1-32) "I" Oil Hole Plugs OIL PAN (Illustrated on Page 24) Oil Pan Assembly Comprising Parts J to K "J" Oil Pan Only Oil Pan Trough Oil Pan Trough Screws "K"Oil Pan Trough Screws Washers Oil Pan Hand Hole Cover Oil Pan Hand Hole Cover Gasket Oil Pan Hand Hole Cover Cap Screws. Oil Pan Hand Hole Cover Lock Washer. Oil Pan Hand Hole Cover Drain Plug. Oil Pan Bell Housing Crank Case and Oil Pan Bell Housing Oil Retainer Flange.	11166111111
10x144 10x540 10x181 10x182 6600 10x183 10x184 10x185 10x186 10x187 10x101 7854 10x101 7854 1026 15222 15223 5573 1056 3948 10x105 10x106 10x107	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder, Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug Oil Pressure Regulating Valve Ball Scat Oil Pressure Regulating Valve Ball Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Washer (thin .001). Oil Pressure Regulating Valve Screw Washer (thick 1-32) "1" Oil Hole Plugs OIL PAN (Illustrated on Page 24) Oil Pan Assembly Comprising Parts J to K "J" Oil Pan Only Oil Pan Trough Oil Pan Trough Screws "K"Oil Pan Trough Screw Washers Oil Pan Hand Hole Cover Gasket Oil Pan Hand Hole Cover Cap Screws Oil Pan Hand Hole Cover Lock Washer Oil Pan Hand Hole Cover Lock Washer Oil Pan Hand Hole Cover Drain Plug. Oil Pan Drain Cock Oil Pan Bell Housing Crank Case and Oil Pan Bell Housing Oil Retainer Flange Crank Case and Oil Pan Bell Housing Oil Retainer Flange Crank Case and Oil Pan Bell Housing Oil Retainer Flange Crank Case and Oil Pan Bell Housing Oil Retainer Flange Crank Case and Oil Pan Bell Housing Oil Retainer Flange	1 1 1 6 6 1 1 6
10x144 10x540 10x181 10x182 6600 10x183 10x184 10x185 10x186 10x187 10x101 7854 10x101 7854 1026 15222 15223 5573 1056 3948 10x105 10x106 10x107 10x111	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder, Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug Oil Pressure Regulating Valve Ball Scat Oil Pressure Regulating Valve Sall Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Washer (thin .001). Oil Pressure Regulating Valve Screw Washer (thick 1-32) "I" Oil Hole Plugs OIL PAN (Illustrated on Page 24) Oil Pan Assembly Comprising Parts J to K "J" Oil Pan Only Oil Pan Trough Oil Pan Trough Screw Washers. Oil Pan Trough Screw Washers. Oil Pan Hand Hole Cover Gasket Oil Pan Hand Hole Cover Gasket Oil Pan Hand Hole Cover Lock Washer Oil Pan Hand Hole Cover Drain Plug. Oil Pan Drain Cock Oil Pan Bell Housing Crank Case and Oil Pan Bell Housing Oil Retainer Flange Crank Case and Oil Pan Bell Housing Oil Retainer Flange Gasket Crank Case and Oil Pan Bell Housing Oil Retainer Flange Screw Crank Case and Oil Pan Bell Housing Oil Retainer Flange Screw	11166111111
10x144 10x540 10x181 10x182 6600 10x183 10x184 10x185 10x186 10x187 10x101 7854 10x101 7854 1026 15222 15223 5573 1056 3948 10x105 10x106 10x109 10x107 10x107 10x108	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder, Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug Oil Pressure Regulating Valve Ball Scat Oil Pressure Regulating Valve Ball Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Washer (thin .001). Oil Pressure Regulating Valve Screw Washer (thick 1-32) "I" Oil Hole Plugs OIL PAN (Illustrated on Page 24) Oil Pan Assembly Comprising Parts J to K "J" Oil Pan Only Oil Pan Trough Oil Pan Trough Screws "K"Oil Pan Trough Screw Washers. Oil Pan Hand Hole Cover Oil Pan Hand Hole Cover Cap Screws Oil Pan Hand Hole Cover Cap Screws Oil Pan Hand Hole Cover Lock Washer. Oil Pan Hand Hole Cover Drain Plug. Oil Pan Drain Cock Oil Pan Bell Housing Crank Case and Oil Pan Bell Housing Oil Retainer Flange Crank Case and Oil Pan Bell Housing Oil Retainer Flange Screw Oil Pan Bell Housing Crank Case and Oil Pan Bell Housing Oil Retainer Flange Screw Oil Pan Bell Housing Packing Strip.	11116611111241
10x144 10x540 10x181 10x182 6600 10x183 10x184 10x185 10x186 10x187 10x101 7854 10x101 7854 1026 15222 15223 5573 1056 3948 10x105 10x106 10x107 10x107 10x107 10x108 1376	Crank Case to Cylinder, Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug Oil Pressure Regulating Valve Ball Oil Pressure Regulating Valve Ball Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Washer (thin .001). Oil Pressure Regulating Valve Screw Washer (thin .001). Oil Pressure Regulating Valve Screw Washer (think 1-32). "1" Oil Hole Plugs OIL PAN (Illustrated on Page 24) Oil Pan Assembly Comprising Parts J to K. "J" Oil Pan Trough Oil Pan Trough Oil Pan Trough Screws "K"Oil Pan Trough Screw Washers. Oil Pan Trough Screw Washers. Oil Pan Hand Hole Cover Gasket Oil Pan Hand Hole Cover Gasket Oil Pan Hand Hole Cover Lock Washer. Oil Pan Hand Hole Cover Lock Washer. Oil Pan Hand Hole Cover Drain Plug Oil Pan Bell Housing Crank Case and Oil Pan Bell Housing Oil Retainer Flange Crank Case and Oil Pan Bell Housing Oil Retainer Flange Gasket Crank Case and Oil Pan Bell Housing Oil Retainer Flange Screw Oil Pan Bell Housing Packing Strip.	111166111112416
10x144 10x540 10x181 10x182 6600 10x183 10x184 10x185 10x186 10x187 10x101 7854 10x101 7854 1026 15222 15223 5573 1056 3948 10x105 10x106 10x109 10x107 10x107 10x108	Cam Shaft Rear Bearing Core Hold Plug Crank Case to Cylinder, Studs Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Crank Case Oil Distributing Pipe Plug Oil Pressure Regulating Valve Ball Scat Oil Pressure Regulating Valve Ball Oil Pressure Regulating Valve Spring Oil Pressure Regulating Valve Screw Oil Pressure Regulating Valve Screw Washer (thin .001). Oil Pressure Regulating Valve Screw Washer (thick 1-32) "I" Oil Hole Plugs OIL PAN (Illustrated on Page 24) Oil Pan Assembly Comprising Parts J to K "J" Oil Pan Only Oil Pan Trough Oil Pan Trough Screws "K"Oil Pan Trough Screw Washers. Oil Pan Hand Hole Cover Oil Pan Hand Hole Cover Cap Screws Oil Pan Hand Hole Cover Cap Screws Oil Pan Hand Hole Cover Lock Washer. Oil Pan Hand Hole Cover Drain Plug. Oil Pan Drain Cock Oil Pan Bell Housing Crank Case and Oil Pan Bell Housing Oil Retainer Flange Crank Case and Oil Pan Bell Housing Oil Retainer Flange Screw Oil Pan Bell Housing Crank Case and Oil Pan Bell Housing Oil Retainer Flange Screw Oil Pan Bell Housing Packing Strip.	11116611111241

Catalog Number	Name of Part	Pieces Per Car
15232 1383 1376 1056 15232	Oil Pan Bell Housing to Crank Case Dowel Pins Oil Pan to Crank Case Bolts (short) Oil Pan to Crank Case Bolts (long) Oil Pan to Crank Case Bolt Washers Oil Pan to Crank Case Dowel Pins	7 10 17
	CRANK CASE MISCELLANY (Illustrated on Page 24)	
10x102 10x103 10x267 10x268 10x178 15238 6777 1026 15239 8500 10x223 10x224 10x225 15243 1203 10x228 10x230 7854 1026 10x227 10x229 10x231 1383 1056 10x138 10x138 10x136 10x137 10x139 15253 1376 10x139 15253 1376 10x173 10x173 10x174 10x174 10x175 10x175 10x176 10x177	Crank Case and Oil Pan Gasket R. H. Crank Case and Oil Pan Gasket R. H. Oil Level Gage Blade and Handle Oil Level Gage Tube and Nut Oil Pump Try Cock Flywheel Housing Timing Hole Cover Plate Flywheel Housing Timing Hole Cover Plate Screws Flywheel Housing Timing Hole Cover Plate Screws Flywheel Housing Timing Hole Cover Plate Washers. Flywheel and Starter Pinion Inspection Hole Plate Screw. Crank Case Breather Assembly Comprising Parts L to M. "L" Crank Case Breather Body Cover Hole Plate Screw. Crank Case Breather Body Cover Spring Screw Washer. Crank Case Breather Body Cover Spring Screw. Crank Case Breather Body Cover Spring Screw. Crank Case Breather Body Cover Spring Screw. Crank Case Breather Body Lower Screen. "M" Crank Case Breather Body Lower Screen. Crank Case Breather Body Attaching Screw Washers. Crank Case Breather Body Attaching Screw Washers. Crank Case Breather Body Attaching Screw Washers. Crank Case Timing Gear Cover Assembly with next two two parts Water Pump Shaft Front Bushing Dowel Pin Crank Case Timing Gear Case Cover Bolt Muts. Crank Case Timing Gear Case Cover Bolt Muts. Crank Case Timing Gear Case Cover Bolt Washers. Crank Case Starter Hole Cover Plate Bolt Washer. Crank Case Starter Hole Cover Plate Bolt Washer. Governor Drive Shaft Clamp Bolt Governor Drive Shaft Clamp Bolt Governor Drive Shaft Clamp Bolt Governor Drive Shaft Clamp Sorew Governor Drive Shaft Thrust	111111111111111111111111111111111111111
	GAS INTAKE AND EXHAUST MANIFOLD (Illustrated on Page 26)	
10x89 10x90 10x91 10x91 10x92 10x93 10x94 1397 1009 1056 10x587 10x587 10x588 10x1	Combination Intake and Exhaust Manifold Combination Intake and Exhaust Manifold Screws Combination Intake and Exhaust Manifold Washers Combination Intake and Exhaust Manifold Gasket (EP) Combination Intake and Exhaust Manifold Gasket (MP) Intake Port Gaskets Exhaust Manifold Flange Exhaust Manifold Flange Bolt Exhaust Manifold Flange Bolt Nuts Exhaust Manifold Flange Bolt Washers Exhaust Manifold Flange Gaskets Engine Gas Intake Pipe Gasket Engine Gas Intake Pipe to Manifold Bolts Engine Gas Intake Pipe to Manifold Bolt Washers	10 10 1 1 1 1 2 2 1 1 2

OIL PUMP

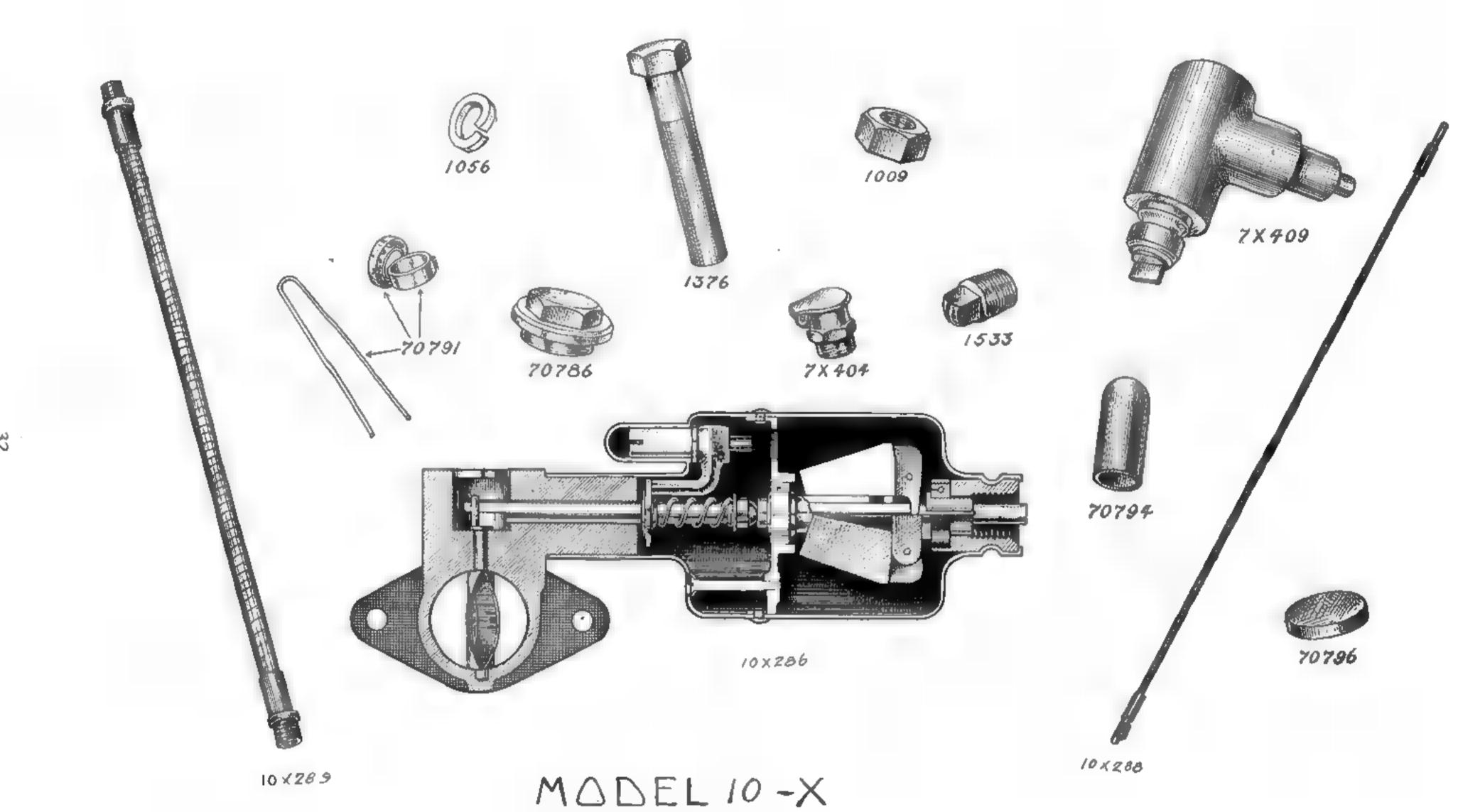
Catalog	(Illustrated on Page 25)	Pieces
Number	Name of Part	Per Car
10x550	Oil Pump Assembly Comprising Parts N to O	1
10x151	"N" Oil Pump Body	1
10x163	Oil Pump Body Cover Gasket	
10x152 10x167	Oil Pump Body Cover	
10x107	Oil Pump Body Bracket	
10x164	Oil Pump Body Bracket Gasket (upper)	
10x165	Oil Pump Body Bracket Gasket (lower)	1
10x154	Oil Pump Driving Gear	1
10 x 155 1026	Oil Pump Driven Gear	
10x160	Oil Pump Screen	and the same of th
10x168	Oil Pump Screen Cap Screw	
10×156	Oil Pump Drive Shaft	
10x157	Oil Pump or Gov. Drive Shaft Gear	
1185 1652	Oil Pump Drive Shaft Gear Pin	
10x161	Oil Pump Drive Shaft Bushing	
10x158	Oil Pump Drive Shaft Thrust Washer (upper)	1
10x159	Oil Pump Drive Shaft Thrust Washer (lower)	1
10×102	Oil Pump Drive Shaft Cover Plate	
10×163	Oil Pump Drive Shaft Cover Plate Gasket	
10x167	Oil Pump and Bracket Cap Screws	4
10 x169	On Pump Body and Bracket Lock Washers	,
	WATER PUMP	
	(Illustrated on Page 26)	
10x232	Water Pump Assembly Comprising Parts P to Q	1
10x233	Water Pump Body (with Bushings)	1
10x234 10x235	Water Pump Body Cover (with Bushings)	i
6546	Water Pump Body Cover Screws	8
10x236	Water Pump Runner or Paddle	1
1652	Water Pump Runner Key	Ţ
4237	Water Pump Runner Taper Pin	1
10x237 10x241	Water Pump Shaft and Sleeve Assembled	1
10x241 10x238	Water Pump Body Packing Gland	
10x239	Water Pump Body Packing Nut R. H. Thread	1
10x240	Water Pump Body Cover Packing Nut L. H. Thread	
10×251	Water Pump Drain Cock	
10x249	Water Pump Grease Cups	
10x250 15304	"I" Water Pump Grease Cup Extensions	ī
1009	Water Pump Set Screw Lock Nut	. 1
10x255	Water Pump Driving Flange on Magneto Shaft	
5030	Water Pump Driving Flange Key	. 1
10×253	Water Pump Driving Flange Nut	
1844 10×257	Water Pump Driving Flange Nut Cotter	
10x257 10x259	Water Pump Coupling Bolts	
10x260	Water Pump Coupling Bolt Nuts	
10x256	Water Pump Driven Flange on Pump Shaft	
5030	Water Pump Driven Flange Key	1
10x586	Water Pump Driven Flange Taper Pin	Î
1326 10x261	Water Pump Driven Flange Taper Pin Cotter	ì
10x261 10x262	Water Pump Support Bracket Gasket	
1383	Water Pump Support Bracket Cap Screws	, 3
1056	Water Pump Support Bracket Lock Washers	. 3
10×136	Water Pump Support Bracket Magneto Shaft Bushing	, [
10×137	Water Pump Support Bracket Magneto Shaft Bushing Dowel Pin	
15317	Water Pump Support Bracket Plug (Special)	
15318 10x282	Water Pump Support Bracket Flug Set Screw	
10x202 $10x245$	Water Pump Inlet Connections to Water Pump	
3355	Water Pump Inlet Connection Bolts	. 2
1018	Water Pump Inlet Connection Bolt Nuts	
1019	Water Pump Inlet Connection Bolt Washers	. 2



ELECTRICAL DIVISION

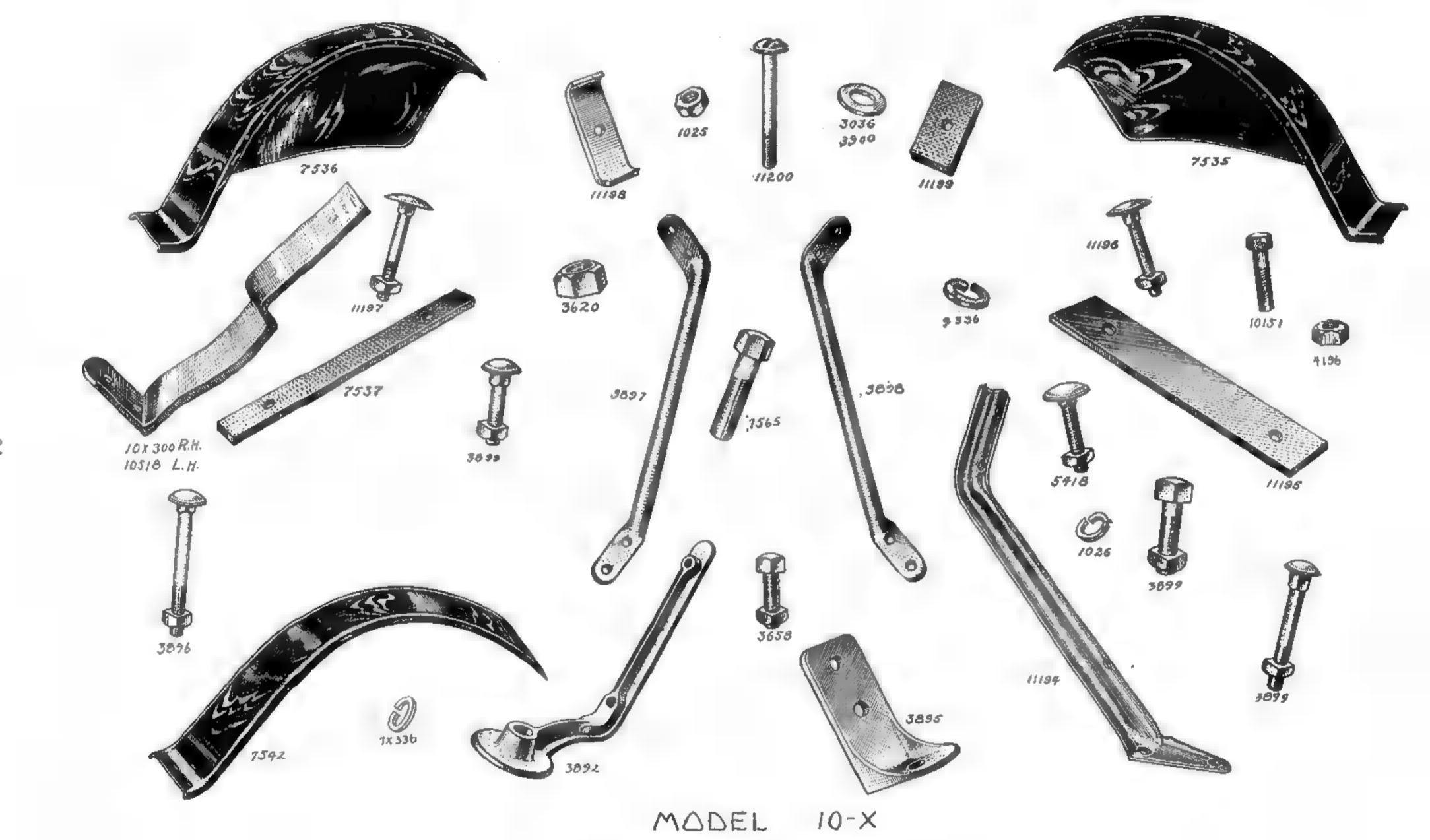
	(Illustrated on Page 26)	
Catalog Number	Name of Part	Pieces Per Car
10x244 10x243 15323 15324 12540 15325 7x415 1473 15326 1026 15327 15328 15329 1018 1996 1019 15330 15331 15331 15332 1048 1996 1019 15333 10x500 1383 10x500 1383 10x500 1383 1056 5573 1056 3336	Magneto and Fan Pulley Shaft Gear Magneto and Fan Pulley Shaft Gear Magneto and Fan Pulley Shaft Gear Key Magneto and Fan Pulley Shaft Gear Key Magneto Coupling Assembly Magneto Coupling Adjusting Flange (shaft end) Magneto Coupling Adjusting Flange Key No. 8. Magneto Coupling Adjusting Flange Taper Pin No. 3x1-¼ Magneto Coupling Adjusting Flange Screw Magneto Coupling Adjusting Flange Screw Lock Washer Magneto Coupling Disc (steel) Magneto Coupling Disc (thermoid) Magneto Coupling Studs Magneto Coupling Stud Nut Magneto Coupling Stud Plain Washer Magneto Coupling Stud Lock Washer Magneto Coupling Thange (magneto end) Magneto Coupling Flange Bolts Magneto Coupling Flange Bolt Washers Magneto Brackets Magneto Bracket Attaching Bolts Magneto Bracket Attaching Bolts Magneto Attaching Screws Magneto Attaching Screw Lock Washers Magneto Attaching Screw Lock Washers Magneto Attaching Screw Plain Washers	111111122112222214444114444
	STARTING CRANK	
	(Illustrated on Page 26)	
10x269 10x548 10x270 10x273 10x277 10x549 10x272 10x274 10x275 10x276 3393 10x279 1009 1056 10x271 10x280 10x281 10x281 1056 15347	Starting Crank and Housing Assembly Comprising the following parts. Starting Crank and Handle Assembly Starting Crank and Handle Sleeve Starting Crank Handle Sleeve Cap Starting Crank Handle Sleeve Cap Springs Starting Crank Shaft and Jaw Starting Crank Shaft Plunger Starting Crank Shaft Plunger Spring Starting Crank Shaft Plunger Spring Starting Crank Shaft Plunger Spring Cap Starting Crank Shaft Handle Key Starting Crank Shaft Handle Clamp Bolt Starting Crank Shaft Handle Clamp Bolt Nut Starting Crank Shaft Handle Clamp Bolt Washer Starting Crank Shaft Housing or Bracket Starting Crank Shaft Housing Gasket Starting Crank Shaft Housing Cap Screw Starting Crank Shaft Housing Cap Screw Starting Crank Shaft Housing Lock Washers Starting Crank Shaft Housing Lock Wire	1 1 1 1 1 1 1 1 1 1 1
	ENGINE ATTACHING MISCELLANY	
10140	(Illustrated on Page 26)	4
10x140 10489 10490 4322 10x141 9456 10x543 10x544 10x283 7553	Engine Front Support Clamp Bolt Engine Front Support Clamp Bolt Nut Engine Front Support Clamp Bolt Cotter. Engine Front Support Clamp Bolt Shim Engine Front Support Alemite Grease Cups (1/8) Engine Front Support Bracket (on frame) Engine Front Support Bracket Rivets (1/2x1-1/4) Engine Rear Support Brackets Engine Rear Support Bracket Rivets (short)	1 1 1 1 1 5 2





GOVERNOR ASSEMBLY

Catalog Number	Name of Part	Pieces Per Ca
10534 7x290 2085 1253 1052 10x545 10x546 4198 3856	Engine Rear Support Bracket Rivets (long) Engine Rear Hold Down Bolts (long R. H. side) Engine Rear Hold Down Bolt Nut Engine Rear Hold Down Bolt Cotter Pin Engine Rear Hold Down Bolt Plain Washer Engine Rear Hold Down Spring Engine Rear Hold Down Bolt (short) L. H. Side (%x5½) Engine Rear Hold Down Bolt Nut Engine Rear Hold Down Bolt Washer	1 1 1 1 1
	FAN-	
10x291 10x292 10047 1019 7x262 1533 7x263 7x264 10482 100027 100028 7x265 10846 10843 10846 10845 7x266 7x267 7x266 7x267 7x268 7x267 7x268 7x269 8717 7x270 1009 2827 1611 1840 7x271	(Illustrated on Page 30) Fan Assembly Comprising Parts A to D "A" Fan Blade Assembly Including Blades and Spider (20") Fan Spider Screw Fan Spider Screw Lock Washers Fan Hub Fan Hub Oil Piug Fan Spindle Fan Spindle End Stud Thrust Plate Fan Hub Roller Bearing Assembly Comprising Parts B to C "B" Fan Hub Bearing Roller Assembly "C" Fan Hub Bearing Sleeve Fan Hub Rear Bronze Thrust Washer Fan Hub Rear Steel Thrust Washer Fan Hub Dust Felt Fan Hub Dust Felt Fan Hub Dust Felt Retainer Washer Fan Hub Front Thrust Collar Assembly Including Collar and Guide Pin Fan Hub Front Thrust Collar Lock Wire Fan Spindle Clamp Nut Fan Spindle Clamp Nut Washer Fan Spindle Clamp Nut Washer Fan Spindle Clamp Lock Washer Fan Spindle Clamp Lock Washer Fan Spindle Adjusting Set Screw "D" Fan Spindle Adjusting Set Screw "D" Fan Spindle Adjusting Set Screw Nuts Fan Support Attaching Screw Nuts Fan Belt	14411111111111111111222
	GOVERNOR (Illustrated on Page 32)	
10x285 10x286 10x287 7x404 10x288 10x289 7x408 70794 70796 70786 70786 1009 1056 70791	Governor Assembly Comprising Parts A to B. "A" Governor Proper Angle Drive Assembly Governor Oil Cup. Drive Shaft Drive Shaft Tube Drive Shaft Tube Jam Nut Governor Adjusting Screw Cap. Governor Valve Cap Angle Drive Cap "B" Valve Box Flange to Intake Manifold Flange Gasket Valve Box Flange to Intake Manifold Flange Clamp Screws Valve Box Flange to Intake Manifold Flange Clamp Screw Nut Valve Box Flange to Intake Manifold Flange Clamp Screw Nut Valve Box Flange to Intake Manifold Flange Clamp Screw Lock Washer Governor Seal	1 1 1 1 1 1 1 2 2
	EQUIPMENT (Regular)	
7520	Tool Roll Assembly Comprising the Following Ten Parts. 1 Canvas Roll 1 Hammer (Machinists') 1 Screwdriver 10-inch. 1 Pair Pliers 6-inch. 1 Punch 1 Cold Chisel 1 Flat File 8-inch. 1 Open End Wrench No. 27 1 Open End Wrench No. 31 1 Adjustable Wrench 9-inch.	1



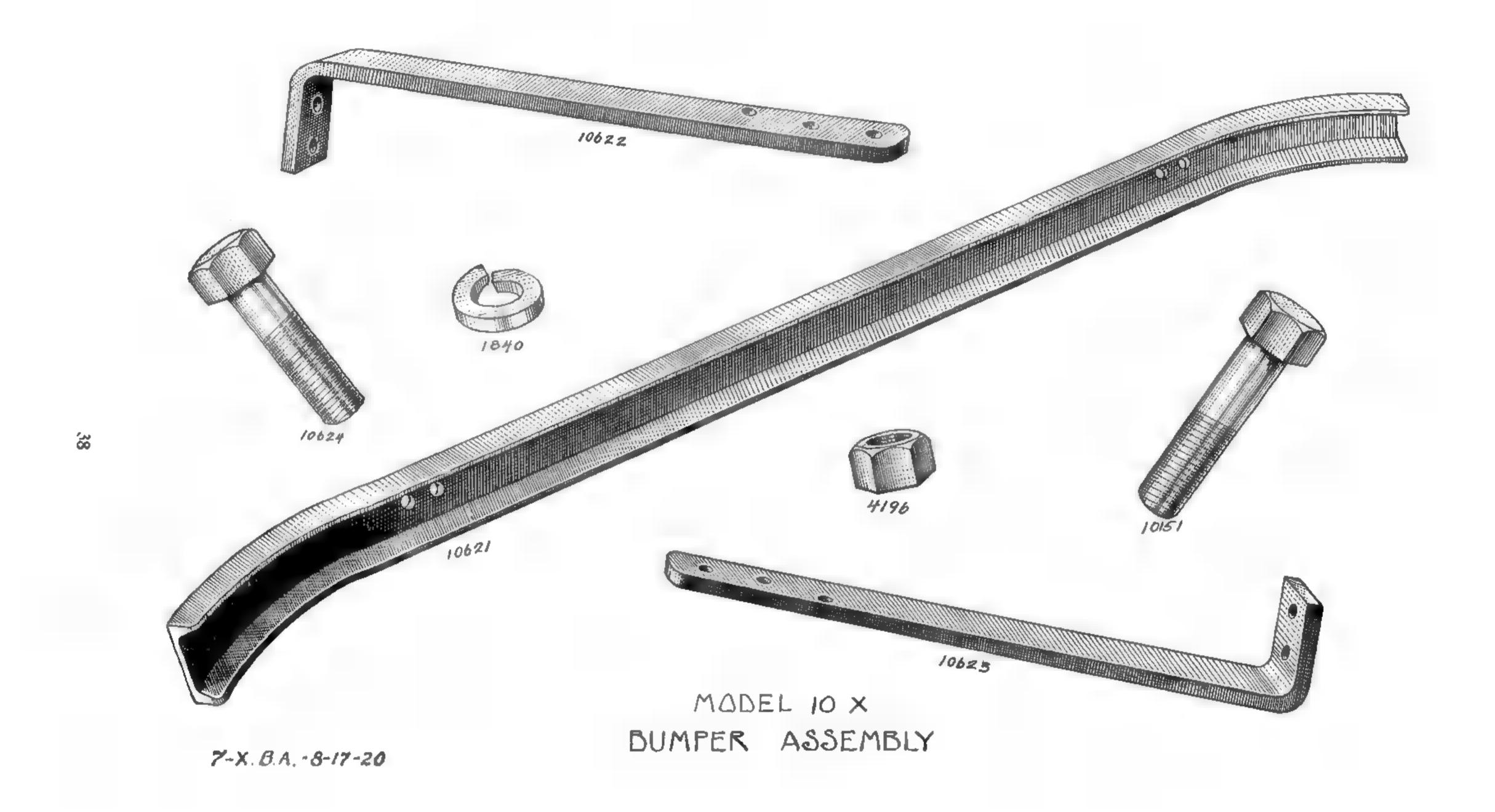
FRONT AND REAR FENDER ASSEMBLY

STEWART MOTOR CORPORATION, BUFFALO, N. Y.

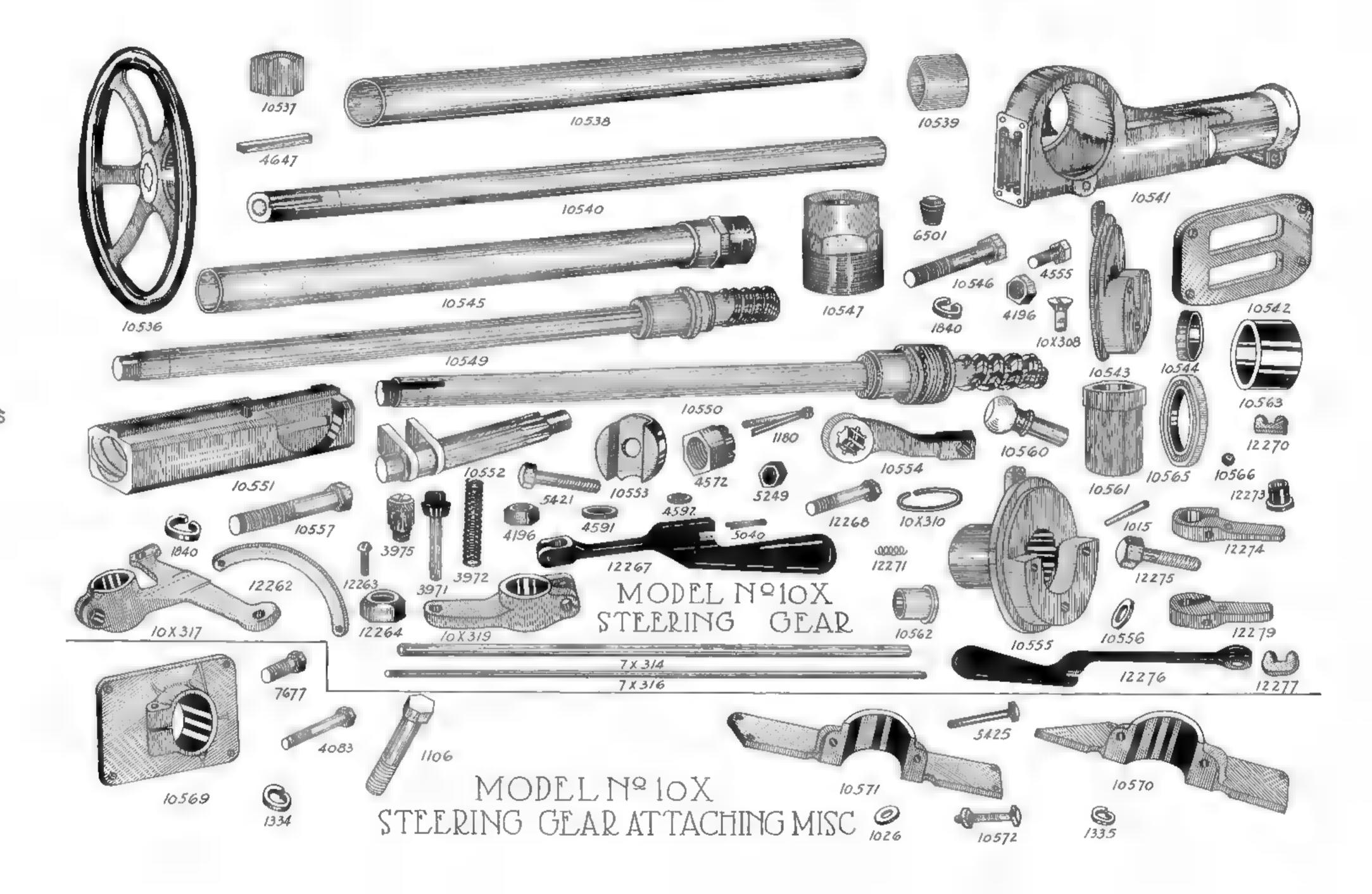
Catalog Number	Name of Part	Pieces Per Car
10503 7531 10502	Auto Jack Oil Can Spark Plug Wrench	1 1
7523 7525	Carburetor Socket Wrench	1
7527 7528	Carburetor Instruction Book	1
7529 10505	Stewart Instruction Book	1
10x337 10x293	Rear Wheel Spindle Nut Wrench Auto Jack Used with Pneumatic Equipment	1
	TOOL BOX	
10x294	Tool Box Assembly Comprising Parts A to B	1
4637 10507 8257 3036 10x295 1019 5396 10509	Jack Hold Down Block Jack Hold Down Block Bolts Jack Hold Down Block Bolt Washers Jack Hold Down Block Bolt Jack Hold Down Block Clamp	1 1 1 2 1
10508 10506 4639	Jack Hold Down Block Wing Nut Tool Box Board Tool Box Bolts	1 1 6
1019 7771 4639 3899	Jack Hold Down Block Bolt Lock Washers. Tool Box Hold Down Bolts Tool Box Hold Down Bolts Tool Box Hold Down Bolts	. 3
1019 3900	Tool Box Hold Down Lock Washers	. 6
	HORN	
70832 10510 10511 10512 6238 1996 70827	Horn Complete Comprising Parts A to B "A" Horn Horn Push Rod "B" Push Rod Bearing Horn Attaching Bolts Horn Attaching Bolt Plain Washers Horn Push Rod Bearing Screws	1 1 1 2 2
	OIL LAMPS	
10513 10514 4115 7595 3875 1056	Side Oil Lamp—R. H. Side Oil Lamp—L. H. (See Cowl for Brackets) Rear Oil Lamp Rear Oil Lamp Bracket Rear Oil Lamp Bracket Bölts Rear Oil Lamp Bracket Bolt Lock Washers	1 1 1 3
	FRAME MISCELLANY	
7765 3658 1019 70939 3977 1056	Rear License Plate Bracket Bolts Rear License Plate Bracket Bolt Lock Washers Chassis Name Plate Chassis Name Plate Bolts Chassis Name Plate Bolts Chassis Name Plate Bolt Lock Washers	. 4 . 4 . 1
	SPECIAL EQUIPMENT	
	GAS LAMPS	
7615 10x296 10x297 6296 1056	Gas Headlights. Headlight Bracket—L. H. Headlight Bracket—R. H. Headlight and Bracket Screws. Headlight Bracket Screw Lock Washers.	2 1 1 8

MODEL 10-X FRAME ASSEMBLY

Name of Part	Pieces Per Car
Prestolite Tank Nut Style "L". Prestolite Tank Tail Piece. Prestolite Tank Brackets. Prestolite Tank Bracket T Bolts Prestolite Tank Bracket Bolt Washers Prestolite Tank Bracket Bolt Nut Prestolite Tank Brackets to Frame Bolts Prestolite Tank Brackets to Frame Nuts. Prestolite Tank Hose Prestolite Tank Tube Prestolite Tank T Connection Prestolite Tube to Frame Clips Prestolite Tube Clip Bolts.	1 1 2 2 2 2 2 6 6 1 1 1 4
ELECTRIC LAMP	
Electric Headlight Bracket—R H. Electric Headlight Bracket—L. H. Electric Headlight Bracket Screws Electric Headlight Bracket Screws Electric Headlight Bracket Screw Lock Washers Tail Lamp Combination Oil and Electric Tail Lamp Bracket Tail Lamp Bracket Bolts	2 1 8 8 1 1 3
STORAGE BATTERY	
Storage Battery Terminal Bolt Nuts Storage Battery Box Storage Battery Blocks Storage Battery Bolts Storage Battery Bolt Lock Washer Storage Battery Bolt Blocks Storage Battery Bolts Storage Battery Bolts Storage Battery Bolts Storage Battery Bolt Plain Washers Storage Battery Lock Washers Storage Battery Hold Down Rods Storage Battery Hold Down Rod Nuts	2212222222222
FRONT FENDER	
Front Fender Assembly—R. H. Front Fender—R. H. Front Fender—L. H. Front Fender Irons Front Fender Iron Bolts Front Fender Iron Bolt Nuts Front Fender Iron Bolt Lock Washers Front Fender Pad Irons—Large Front Fender Pad Irons—Large Front Fender Pad Irons—Small Front Fender Pads—Small (Anti Squeak) Front Fender Dads—Small Front Fender to Iron Bolts Front Fender to Iron Bolts Front Fender to Iron Bolts Front Fender Screws Front Fender Screws Front Fender Screw Nuts Front Fender Screw Plain Washers Front Fender Screw Plain Washers Front Fender Screw Lock Washers	1112666222222242222
	Prestolite Tank Nut Style "L" Prestolite Tank Nut Style "L" Prestolite Tank Brackets Prestolite Tank Bracket Bolts Prestolite Tank Bracket Bolt Washers Prestolite Tank Bracket Bolt Nut Prestolite Tank Bracket Bolt Nut Prestolite Tank Bracket Bolt Nut Prestolite Tank Bracket Style Washers Prestolite Tank Bracket Style Washers Prestolite Tank Hose Prestolite Tank Tube Prestolite Tank Tube Prestolite Tube to Frame Clips Prestolite Tube Clip Bolts Prestolite Tube Clip Bolts Prestolite Tube Clip Washers ELECTRIC LAMP Electric Headlights Electric Headlight Bracket A H Electric Headlight Bracket Screw Lock Washers Tail Lamp Combination Oil and Electric Tail Lamp Bracket Bolts Storage Battery Storage Battery Terminal Storage Battery Terminal Bolts Storage Battery Terminal Bolts Storage Battery Box Storage Battery Box Storage Battery Bolts Storage Battery Bolt Lock Washer Storage Battery Bolts Storage Battery Bolts Storage Battery Bolts Storage Battery Bolt Bocks Storage Battery Bolt Bocks Storage Battery Bolt Bocks Storage Battery Bolt Bocks Storage Battery Hold Down Rod Storage Battery Hold Down Lock Washers

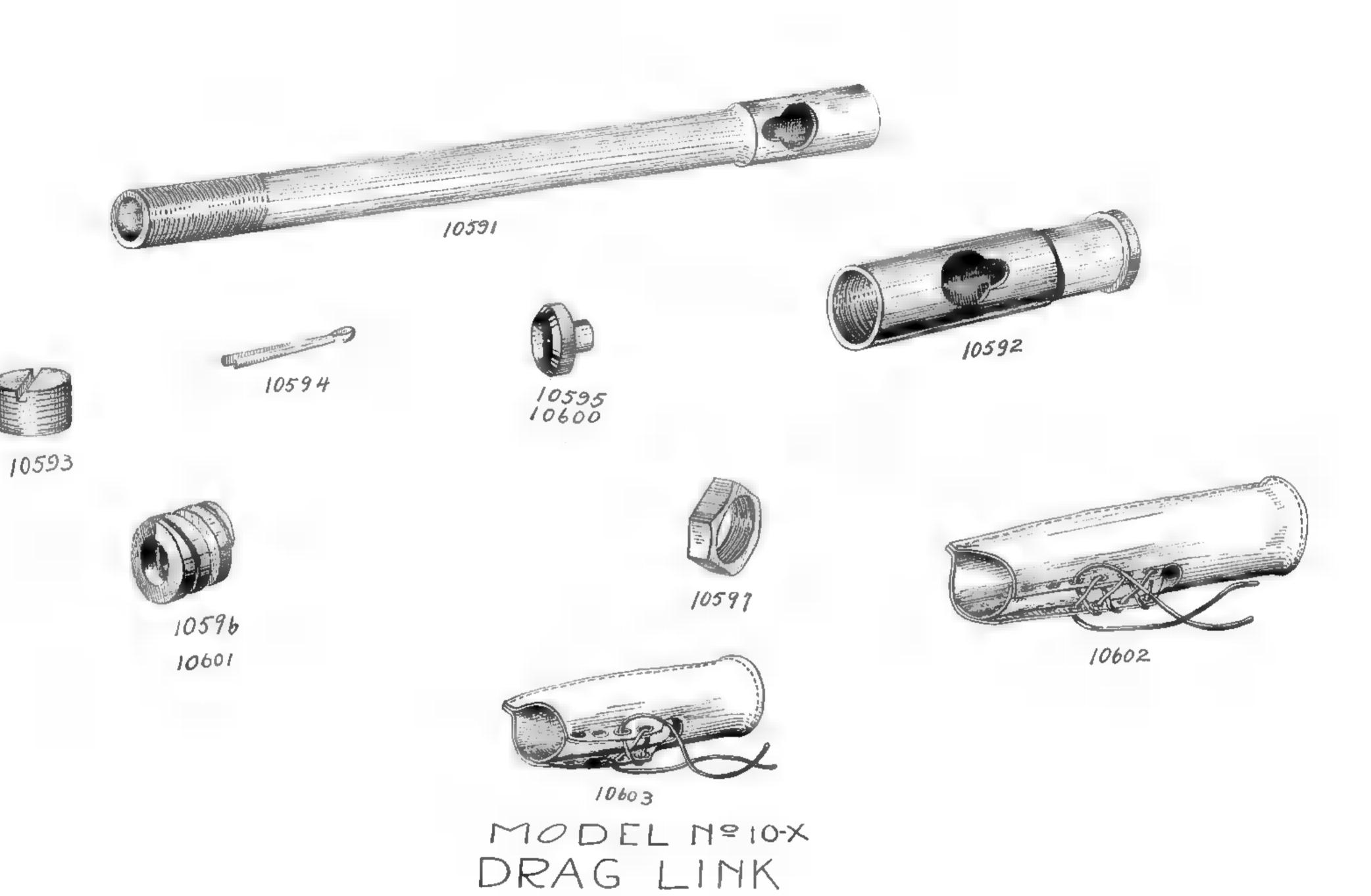


Catalog Number	Name of Part	Pieces Per Car
10x300 10151 4196 1840 7537	Front Fender Anti-Rattling Iron—R. H. Front Fender Anti-Rattling Iron Screws Front Fender Anti-Rattling Iron Screw Nuts Front Fender Anti-Rattling Iron Screw Lock Washers Front Fender Anti-Rattling Iron Pads	4 4 4
	FRAME	
	165" WHEEL BASE	
10 101	(Illustrated on Page 36)	
10x301 10520 10521 10522 10523 10524 10525 10526 10529 10530 10531 10532 8484 10528 1840	Frame Side Member—R. H. Frame Side Member—L. H. Frame Front Cross Member Frame Center Cross Member Frame Rear Cross Member Frame Front and Rear Cross Member Gusset Plate Frame Front Spring Horn—R. H. Frame Front Spring Horn—L. H. Frame Front Spring Horn Rivets—Long Frame Front Spring Horn Rivets—Short Frame Cross Member Bolts—Long Frame Cross Member Bolt—Short Frame Cross Member Bolt Lock Washer 185" WHEEL BASE	1 1 1 1 1 1 1 1 1 1 2 2 4 4 4
10x302 10534 10535	Frame Side Member—R. H. Frame Side Member—L. H. All other parts are the same as listed under 10x301 Frame Assembly for 165" Wheel Base	1
	BUMPER	
	(Illustrated on Page 38)	
10621 10623 10622 10151 1840 10624 10151 4196 1840	Bumper Bar Only Bumper Bar Bracket—R. H. Bumper Bar to Bracket Screws Bumper Bar to Bracket Screws Lock Washers Bumper Bar to Frame Screws Bumper Bar to Frame Screw Nuts Bumper Bar to Frame Screw Lock Washers	1 1 4 4 4 2 6
	STEERING GEAR	
	(Illustrated on Page 40)	
10x303 10536 4647 10537 10x304 10x305 10545 10539 10x306	Steering Gear Assembly Comprising Parts A to B "A" Steering Wheel Steering Wheel Key Steering Wheel Nut Steering Gear Column Outer Tube and Upper Nut Assembly Steering Gear Column Outer Tube Steering Gear Column Outer Tube Upper Adjusting Nut. Steering Gear Column Outer Tube Bushing Steering Gear Column Inner Tube and Screw Assembly with Thrust Bearings (L. H. Thread 1 1-4" Lead Steering Column Inner Tube and Screw L. H. Thread	1 1 1 1 1 1
10541 10542 4555 10x308 1056 10x309 6501 10546 4196 1840 10551 10565 10566	Steering Gear Housing End Plate Steering Gear Housing End Plate Screws Steering Gear Housing End Plate Screws Steering Gear Housing End Plate Screws Steering Gear Housing End Plate Screw Lock Washer Steering Gear Housing End Plate Gasket Steering Gear Housing Plug Steering Gear Housing Upper Adjusting Nut Clamp Bolt Steering Gear Housing Upper Adjusting Nut Clamp Bolt Nut Steering Gear Housing Upper Adjusting Nut Clamp Bolt Lock Washer Steering Column Inner Tube Screw Sliding Sleeve Steering Column Inner Tube and Screw Thrust Bearing Ball Races Steering Column Inner Tube and Screw Thrust Bearing Ball Sets	1 1 2 2 2 1 1 1 1 1 1 2
10x310 10563	Steering Column Thrust Bearing Retaining Spring	

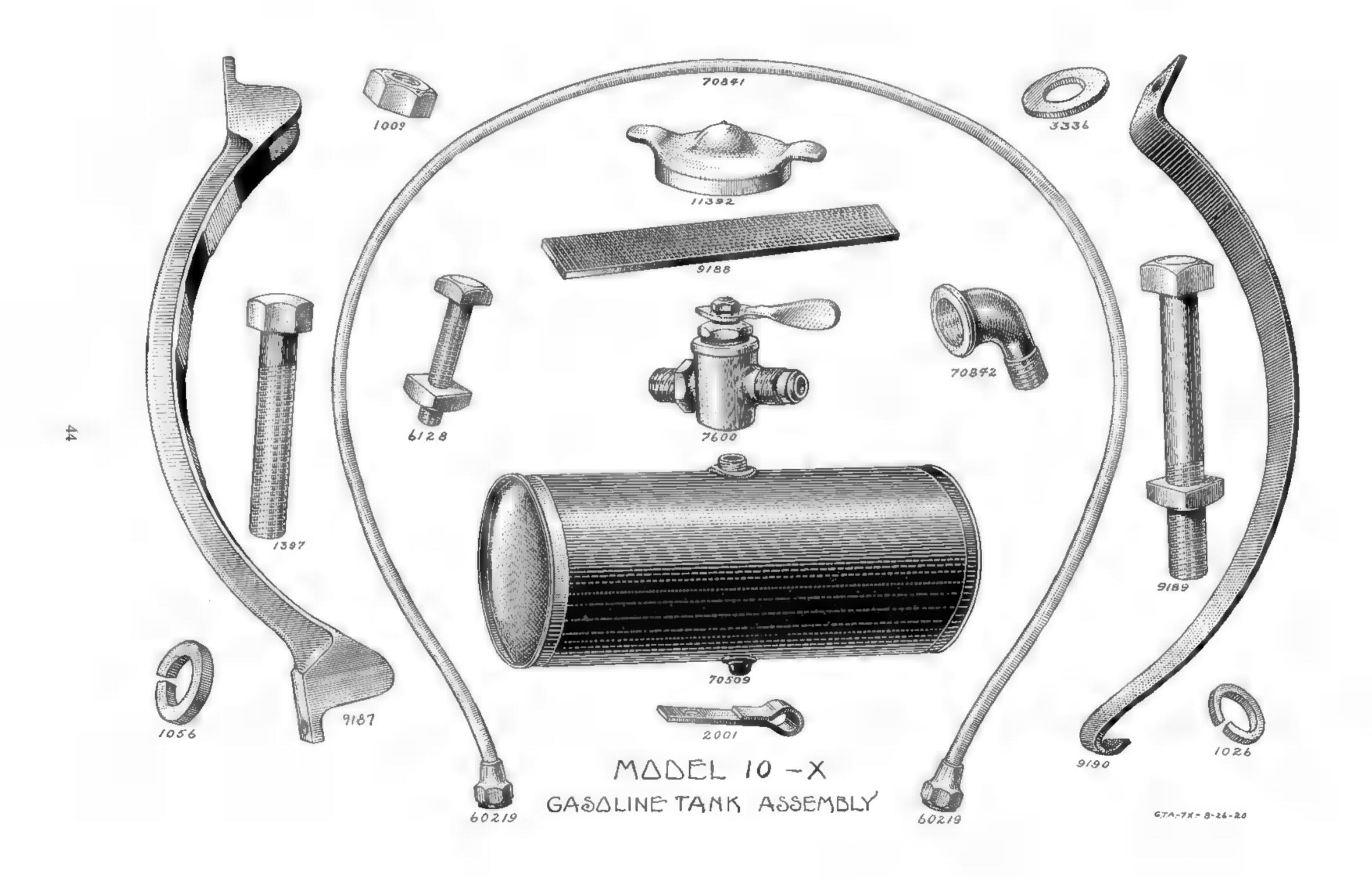


Catalog Number	Name of Part	Pieces Per Car
10552	Steering Gear Trunnion Shaft	1
10553 10556	Steering Gear Trunnion Shaft Sliding Sleeve Swiveling Segment	
4572	Steering Gear Trunnion Shaft Nut	ĺ
1180	Steering Gear Trunnion Shaft Nut Cotter	1
10554 10560	Steering Arm Ball	1
4572	Steering Arm Ball Nut	-
1180	Steering Arm Ball Nut Cotter	1
10x312 10x313	Steering Gear Trunnion Shaft Housing, Long, Assembled with Bushing	
10561	Steering Gear Trunnion Shaft Housing Bushing, Long	
10x314	Steering Gear Trunnion Shaft Housing, Short, Assembled with Bushing	1
10543 10562	Steering Gear Trunnion Shaft Housing—Short	
10544	Steering Gear Short Trunnion Shaft Housing Cap	
4584	Steering Gear Trunnion Shaft Housing Screws	4
1056 10557	Steering Gear Trunnion Shaft Housing Screw Lock Washers	
4196	Trunnion Shaft Housing Tee Bolt Nut	î
1840	Trunnion Shaft Housing Tee Bolt Lock Washer	1
4583 5249	Trunnion Shaft Housing Tee Bolt	1
1056	Trunuion Shaft Housing Tee Bolt Lock Washer	ī
10x315	Wheel Nut and Oiler Assembly	3
4589 4590	Wheel Nut Oil Plug	1
4590	Wheel Nut Oil Plug Spring	1
5040	Wheel Nut Oil Plug Cotter	1
4588 10x316	Steering Gear Column Upper Adjusting Nut Oiler	1
10x317	Throttle Lever Sector Assembly Complete with Bolts	1
5421	Throttle Lever Sector Clamp Bolts	1
4196 1840	Throttle Lever Sector Bolt Nuts	1
10x318	Throttle Lever Sector Clamp Bolt Lock Washers Throttle Lever Sector Rim and Stop	1
7x313	Throttle Lever Sector Rim Stop Screw	1
12264 1026	Inrottle Lever Sector Rim Stop Screw Nut	1
12263	Throttle Lever Sector Rim Stop Screw Lock Washer Throttle Lever Sector Rim Bolt	1
12264	Inrottle Lever Sector Kim Bolt Aut	2
1026 10x319	Inrottle Lever Sector Rim Bolt Lock Washer	2
5421	Throttle Lower Control Supporting Bracket Clamp Bolt.	I 1
4196	Throttle Lower Control Supporting Bracket Bolt Nuts	1
1840	Throttle Lower Control Supporting Bracket Lock Washer	1
12266 12267	Upper Spark Lever and Clamping Bolt Assembly. Upper Spark Lever Only	1
12268	Upper Spark Lever Clamp Bolt	1
12264	Upper Spark Lever Clamp Bolt Nut	1
12270 12271	Upper Spark Lever Friction Plate Upper Spark Lever Friction Plate Spring	1
10×320	Spark Control Tube	1
12273	Spark Control Tube Bushings	2
10x321 10x322	Lower Spark Lever Clamp Screw	1
10×323	Upper Throttle Lever	1
1015	Opper Inrottle Lever Taper Pin	1
12277 12271	Upper Throttle Lever Friction Plate	1
10x324	Upper Throttle Lever Friction Plate Spring	1
10x325	Lower Throttle Lever	ī
10x326	"B" Lower Throttle Lever Clamp Screw	1
	STEERING GEAR ATTACHING PARTS	
10569	Steering Gear Frame Bracket	1
7677	Steering Gear Frame Bracket Screws	4
4196 1840	Steering Gear Frame Bracket Screw Nuts	4
10967	Steering Gear Frame Bracket Screw Lock Washers	4 1



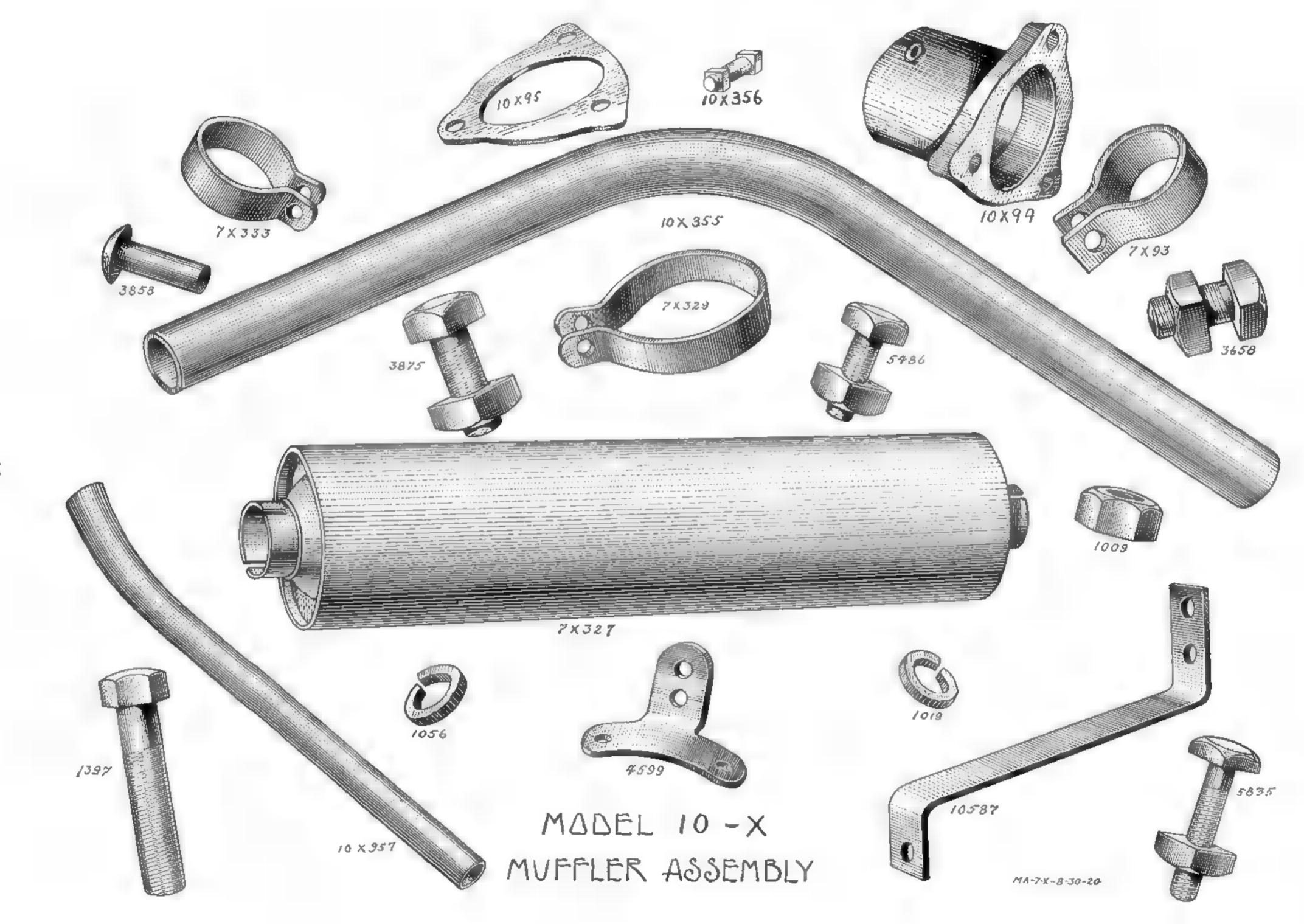


Catalog Number	Name of Part	Pieces Per Car
4196 1840 10x327 10x328 10x329 10x330 1056 10572 10x331 3036 1019 100023	Steering Gear Frame Bracket Clamp Screw Nut Steering Gear Frame Bracket Clamp Screw Lock Washer Steering Column Flange Assembly Steering Column Flange—Front Steering Column Flange—Rear Steering Column Flange Clamp Bolt Steering Column Flange Clamp Bolt Lock Washer Steering Column Flange to Floor Bolts—Long Steering Column Flange to Floor Bolts—Short Steering Column Flange to Floor Bolt Plain Washer Steering Column Flange to Floor Bolt Lock Washer Steering Column Flange to Floor Bolt Lock Washer Steering Column Flange to Floor Bolt Lock Washer Steering Gear Housing Grease Cup	1 1 1 2 2 5 2 3 7
	DRAG LINK	
	(Illustrated on Page 42)	
10590 10591 10592 10593 10594 10595 10596 10597 10598 10599 10600 10601 10601 10602 10603	Drag Link Assembly Complete Comprising Parts A. to B. "A" Drag Link Tube with Integral Rear Socket. Drag Link Front Socket Adjusting. Drag Link Front Socket Plug Drag Link Front Socket Plug Cotter Drag Link Front Socket Ball Seats. Drag Link Front Socket Ball Seat Springs Drag Link Front Socket Ball Seat Cotter Drag Link Front Socket Jam Nut Drag Link Rear Socket Plug Drag Link Rear Socket Plug Cotter Drag Link Rear Socket Ball Seat "B" Drag Link Rear Socket Ball Seat Cotter Drag Link Rear Socket Ball Seat Cotter Drag Link Rear Socket Ball Seat Spring Drag Link Rear Socket Ball Seat Cotter Drag Link Rear Socket Ball Seat Cotter Drag Link Rear Socket Ball Seat Cotter Drag Link Rear Boot	1211221111111111
	HOOD	
10x332 10x333 10x334 10x335 10x335 10577 10582 5473 10583 10578 10579 10x336 3336 1720 10x336 1720 10x338 10x339 10x340 3513 5249	Hood Assembly Comprising Parts A to H. "A" Hood Top Section Hood Side Panel—R. H. Hood Side Panel—L. H. Hood Padding Hood Fastener Bearing Brackets Hood Fastener Bearing Bracket Rivets Hood Fastener Clips Hood Fastener Assembly Comprising Parts B to C. "B" Hood Fastener Handle Hood Fastener Stud Hood Fastener Stud Hood Fastener Stud-Washer "C" Hood Fastener Stud-Washer "C" Hood Tie Rod Assembly Front Comprising Parts D to E "D" Hood Tie Rod—Front—R. H. Thread Hood Tie Rod—Front—L. H. Thread Hood Tie Rod Turnbuckle Hood Tie Rod Turnbuckle Nut—R. H. Thread	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
5841 3514 10x341 10x342 10x343 3513 5249 5841 3514 10x344 1090 10x345 5421 1019 10x346	Hood Tie Rod Turnbuckle Nut—L. H. Thread "E" Hood Tie Rod Clevis Pin Group. Hood Tie Rod Assembly—Rear—Comprising Parts F to G "F" Hood Tie Rod—Rear R. H. Thread. Hood Tie Rod—Rear L. H. Thread Hood Tie Rod Turnbuckle Hood Tie Rod Turnbuckle Nut—R. H. Thread. Hood Tie Rod Turnbuckle Nut—L. H. Thread. "G" Hood Tie Rod Clevis Pin Group. Hood Tie Rod Brackets "H" Hood Tie Rod Bracket Rivets. Hood Hinge Bracket Hood Hinge Bracket Bolts Hood Hinge Pins. Hood Hinge Pins Hood Hinge Pins Cotter	1 2 1 1 1 1 1 1 1 2 4 8 6 12 12
4322 10584 1996 1026	Hood Hinge Pins Cotter	. 4



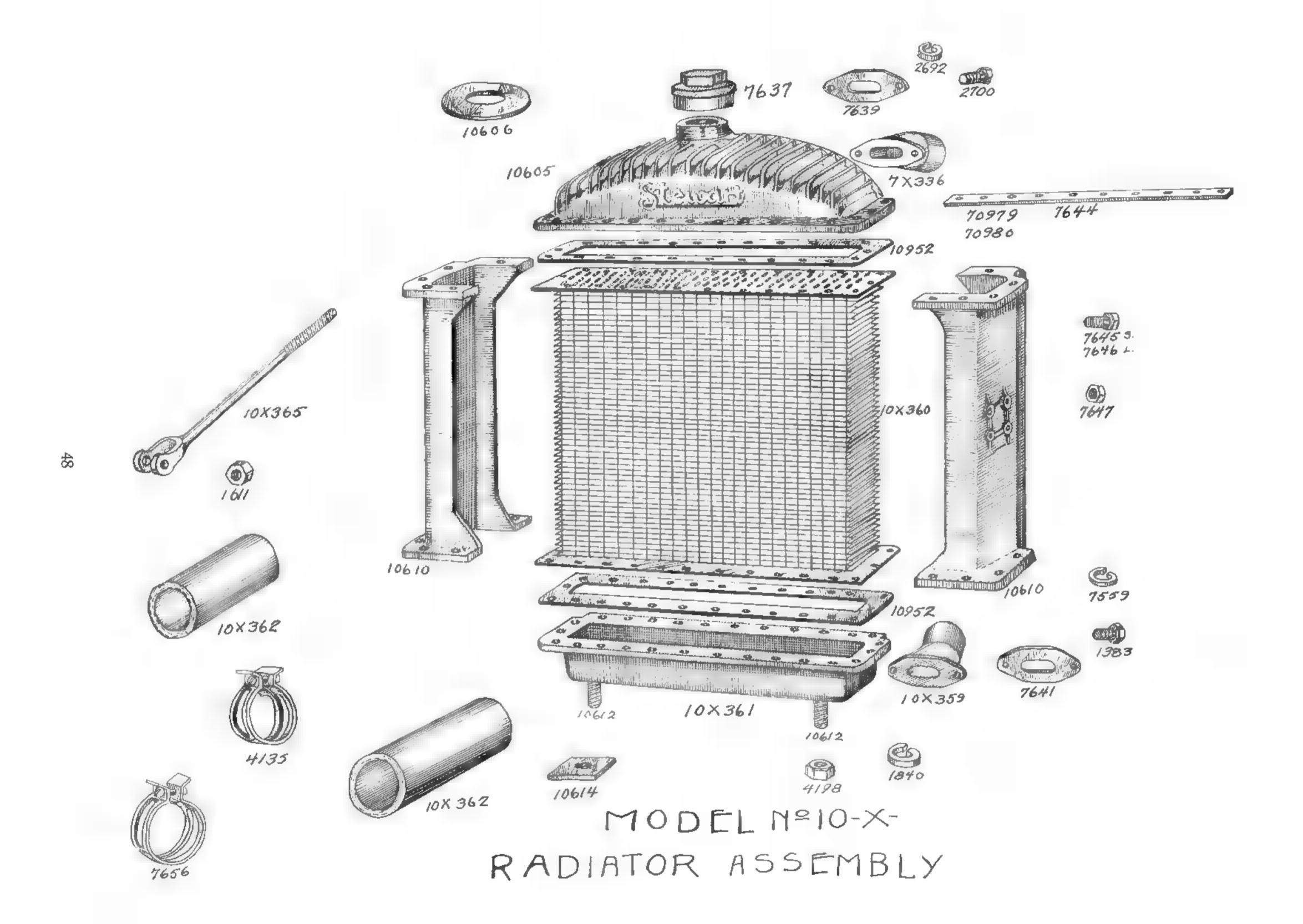
	IGNITION ASSEMBLY (MAGNETO)	Disease
Catalog Number	Name of Part	Pieces Per Car
Number 10x347 80411 80412 80413 80413 80414 10888 80416 80417 80418 80419 80407 80420 10895 10896 10897 10x348 10899 10900 10901 10902 10903 80427 80425 10906 10907 80400 80396 80398 80404 80421 80432 80403 80405 80406 80406 80406 80407 80406 80407 80407 80400 80396 80398 80404 80421 80432 80433 80405 80406 80406 80407 80406 80406 80407 80406 80407 80406 80407 80406 80407 80406 80407 80407 80406 80407 80408	Magneto Platinum Contact Screw for Breaker Magneto Platinum Contact Screw Lock Nut Magneto Split Washer for Driving Shaft. Magneto Drive Shaft Nut Magneto Drive Shaft Key Magneto Timing Lever Stop Screw Magneto Timing Lever Stop Screw Magneto Oil Hole Cover, Driving End Magneto Oil Hole Cover Retaining Screw Magneto Oil Hole Cover Breaker End Magneto Oil Hole Cover Breaker End Magneto Distributor Plate Complete with Brushes Magneto Distributor Plate Complete with Brushes Magneto Distributor Plate Carbon with Spring at Collector Plate Distributor Plate with Carbon with Spring at Collector Plate Distributor Plate with Carbon with Spring at Rotating Disc. Distributor Rotating Disc Fastening Screws Distributor Rotating Disc Fastening Screw Washer Split. Distributor Plate Washer, Split Distributor Plate Nut Safety Spark Cap Screw in Housing Magneto Setting Screw Magneto End Cap Top Connection Screw Breaker, Flat Spring Breaker, Flat Spring Breaker, Flat Spring Fastening Screw Breaker Flat Spring Fastening Screw Breaker Flat Reinforcing Springs Breaker Rocker Arm Complete with Platinum Contact Ground Carbon in Base of Housing Complete Cover Plate For Inspection Hole in Housing Cover Plate Fastening Screw Distributor Plate Holding Screw with Spring End Cap Short Circuiting Spring Complete End Cap Short Circuiting Sp	111111111111111111111111111111111111111
10x350 10x351 80438 10931 1890 1274 5481 5482 1273 1274 10x352 10x353 10x354 5573 1056	Magneto Spark Plug Cables No. 1 and No. 2 Cylinder Magneto Spark Plug Cables No. 3 and No. 4 Cylinder Magneto Spark Plugs Magneto Dash Switch Magneto Dash Switch Bolts Magneto Dash Switch Bolt Locker Washer Magneto Dash Switch Cable Terminals Magneto Dash Switch Cable Clips Magneto Dash Switch Cable Clip Bolts Magneto Dash Switch Cable Clip Bolts Magneto Dash Switch Cable Clip Bolt Lock Washers Magneto Cable Switch to Magneto Magneto Coupling Magneto Coupling Key Magneto to Engine Screws Magneto to Engine Lock Washers	4 1 2 3 2 2 1 1 1 1
	LIGHTING AND IGNITION	
	Used on Chassis No. 10001X to 10081X. For Higher Chassis see Page 51	
10x509	Ignition Magneto Generator	-
10909 10910 10884 10885	Ground Carbon for Breaker Complete	





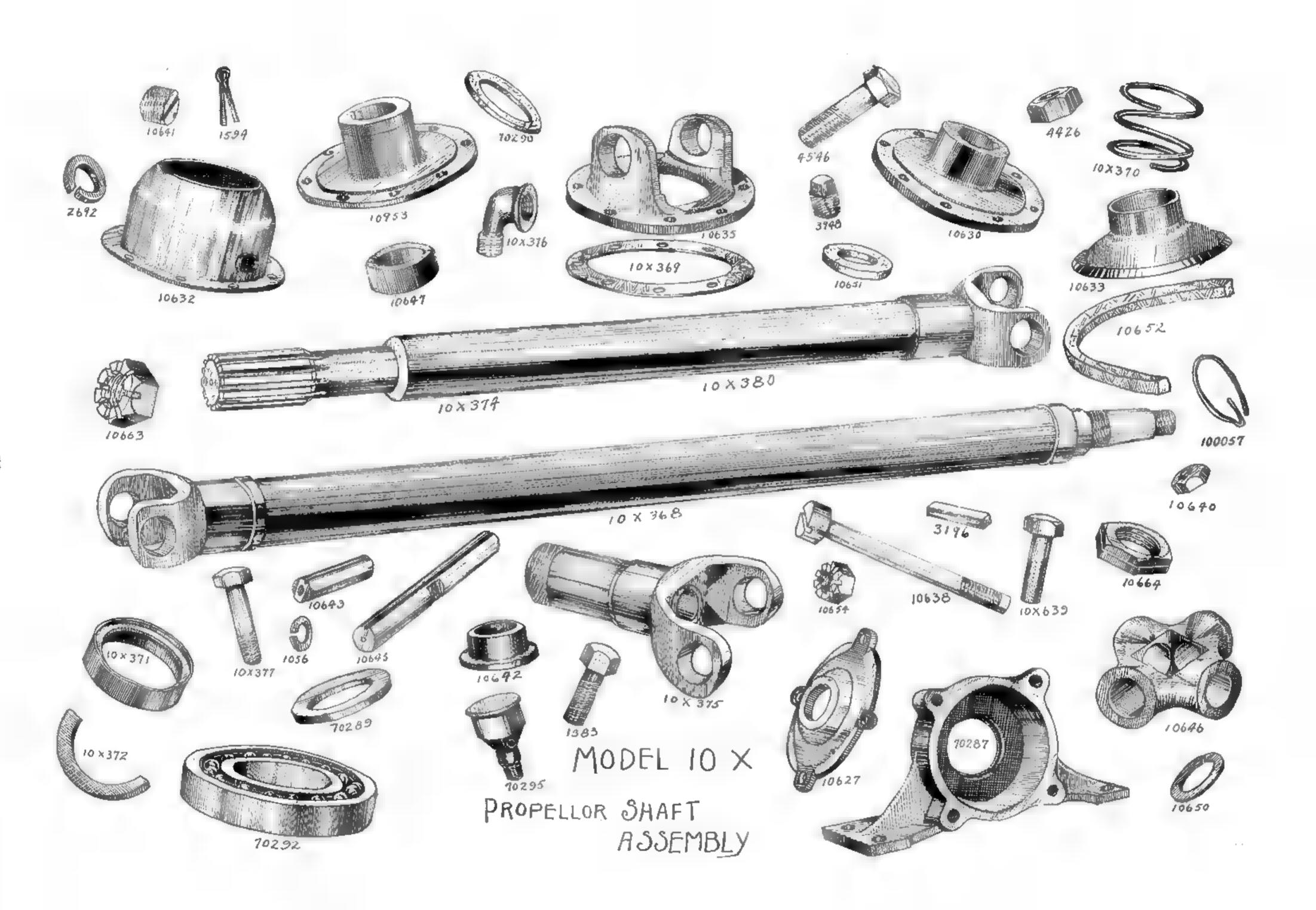
Pieces Per Car

Catalog Number	Name of Part
10907 11182 10886 10887 1645 10924 10890 10892 10894 10906 10911 11173 11174 10900 10904 10905 11175 11176 10914 10915 10914 10915 10912 10919 11425 11428	Long Flat Spring for Breaker. (2K) Fastening Screw for Complete Breaker. (2K) Split Washer for Driving Shaft. (2X) Hexagon Nut for Driving Shaft (2Y) Woodruff Key for Driving Shaft (2-Z) Wrench for Contacts, with Spark Plug Gauges. (3E) Timing Lever Stop Screw Breaker End. (4H) Retaining Screw for 29D and 29E. (10J) Spring for 29D and 29E. (10K) Breaker, Complete (Clockwise only). (11-Z) Reinforcing Spring for each end of X. (13H) Spacing Washer for Breaker Rocker Arm. (13J) Carbon Brush with Spring for 28N and 28S. (16G) Split Washer for 23J. (16N) Safety Spark Cap Screw (in base at shaft end). (17F) Connection Screw in End Cap. (17E) Fastening for Magneto End Plate (lower pair). (17-1) Ground Carbon with Spring (in Housing at Breaker End). (19T) Cover Plate for Inspection Hole in Base. (23-1) Fastening Screw for 23-1. (23J) File for Contact Points. (23M) Breaker Rocker Arm (Complete Clockwise Only). (23Y) Short Circuiting Spring for End Cap Complete. (24A) Eisemann Magneto Generator Cutout Assembly Idler Gear with Hub and Two Complete Ball Bearings.
11429 11431 10920 10918 10921 11177 11178 11169 11170 11171 11172 11148 11008 11132 11148 11149 11166 11167 11186 11541 11542 11543 11544 11545 11298 11299 11300	Generator Unit Pinion Magneto Unit Pinion Round Nut for Fastening 24A (24-B) End Cap Holding Stud, with Spring (24C) End Cap Complete for Breaker (24H) Timing Lever Complete. (Variable Timing Only) (24-I) Fastening Screws for Cams (in 24-I Only) (24W) Shim for Adjusting 24X (24W) Shim for Adjusting 24X (24W) Shim for Adjusting 24X (24W) Flat Cam for Timing Lever (24X) Timing Lever Complete (Fixed Timing Only) (26-I) Fastening Screw for Cam in 26-I Only (26K) Distributor Block Complete (28U) Distributor Rotating Disc. (28P) Fastening Screw for 28P (28Q) Split Washer for 28Q fr High Tension Brush Holder Complete (28S) Distributor Terminal Complete (28T) Split Finger for 28T (28U) Bell Pointed Connection Screw for 28T (28W) Emergency Cover for Gear Casing (28X) Retaining Spring for 28X Retaining Screw for 28Y (28Z) Insulation Segment Each Side of Distributing Disc. (29A) Fastening Screw for 29A (29B) Fastening Screw for Gear Casing (29C) Oil Cover for Ball Bearing at Breaker End on Right Side
11301	Looking from Shaft End(29E) Oil Cover for Ball Bearing at Shaft on Left Side Looking
11302 11303	from Shaft End
11433 11084 11107 11304 11305 11306 11307 11308 11309 11310 11311 11312 11313	Generator Armature Assembly Complete Magneto Armature Complete Magneto Armature Core and Winding Spring for 29H. (29-I) Retaining Screw for 29F and 29H. (29U) Spring Washer for 29C. (29U) Commutator Cover Complete. (29K) Retaining Spring for 29K Complete. (29M) Cut-out Cover (29N) Fastening Screw for 29N (29P) Split Washer for 29P and 31B and 30E (29Q) Cut-out Adjusting Screw (29R) Lock Nut for 29R (29S)



Catalog Number	Name of Part	Pieces Per Car
11314	2 Ampere Fuse in Generator Cut-out Box(29T)	
11315	Felt Strip for End Plate Commutator End(29W)	
11316 11317	Fastening Screw for End Plate(29X) Oil Cup for End Plate(29Y)	
11318	Grease Cup for End Plate (Cut-out End)(29Z)	
11319	Fastening Screw for End Plate	
11320	(Looking from Shaft End)(30B)	
11321	Washer for 30B(30C)	
11322 11323	Split Washer for 30B	
11324	Split Washer for 29P, 30E and 31B(30G)	
11325	Split Pin for 30J and 30M(30H)	
11326 11327	Third Brush with Terminal Wire(30-1) Spring for 30-I(30J)	
11328	Commutator Brush with Terminal Wire(30K)	
11329 11330	Spring for Left Brush (Shaft End)(30M) Spring for Right Brush (Shaft End)(30N)	
11331	Bolt for Generator Holding Strap(30P)	
11332	Split Washer for 30P(30Q)	
11333	Generator Holding Strap Complete including 30W, 30U, 30P and 30Q(30R)	
11334	Short Generator Hold Strap Only(30S)	
11335 11336	Cross Bar for 30U	
11337	Fastening Screw for 30R and 30U	
11338	Long Generator Hold Strap with Cross Bar(30W)	
11339 11340	Switch Key (Specify Numbers Stamped on Key Sockets)(30X) Terminal Screw for Switch(30Y)	
11341	Plain Washer for 30Y(30Z)	
11342 11343	Split Washer for 30Y	
11343	Square Nut for 31B	
11345	Hexagon Terminal Nut for Ammeter(31D)	
11346 11347	Split Washer for 31D	
11560	Generator Binding Post with Terminal Nut	
	ATTACHING MISCELLANY	
5573	Magneto Generator to Engine Screws	4
1056	Magneto Generator to Engine Screw Lock Washers	4
12528 10x513	Magneto Generator Fuse—15 Ampere	-
10x501	Spark Plug Cable Assembly, 2 Cylinder 33"	
7×376 11273	Spark Plug Cable Assembly, 3 and 4 Cylinder 30"	4
80439	Spark Plugs	
12289	Switch and Fuse Panels	.,. 1
12520 70955	Switch and Fuse Panel Key	
1274	Switch and Fuse Panel Bolt Lock Washers	
12290	Ammeter	
12291 12292	Ammeter Screws	
1274	Ammeter Screw Lock Washers	
10x502 10x503	Fuse to Headlight Cable	1
10x504	Ammeter to Battery Cable	1
10x505	Ammeter to Generator Cable	1
10x506 10x507	Battery to Ground Cable	. 1
11273	Cable to Generator Eyelets	2
11273 11132	Cable to Ammeter Lyelets	4
11273	Cable to Switch and Fuse Block Eyelets	3
11283	Cable to Ground reminaring management of the contract of the c	2
11288 12530	dit . d . d'	2
1273		
1274 11558	Cable to Frame Clips	5
1890	Cable to Frame Clip Bolts ,	
1274	Cable to Frame Clip Bolt Lock Washers	10





LIGHTING AND IGNITION

(Used on Chassis No. 10082X and up.)

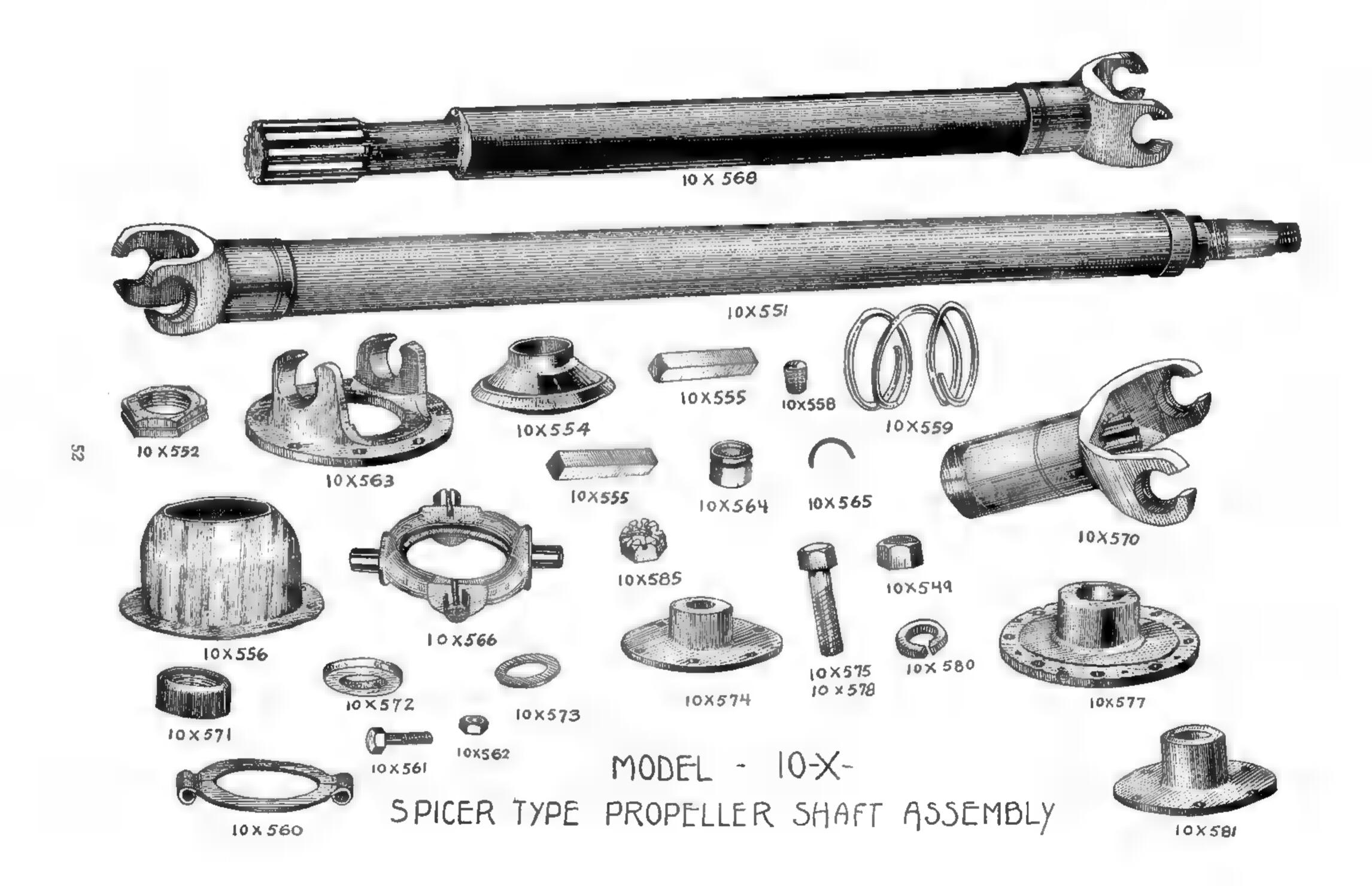
10x347 Magneto (regular equipment)

(For Magneto Parts See Page 45)

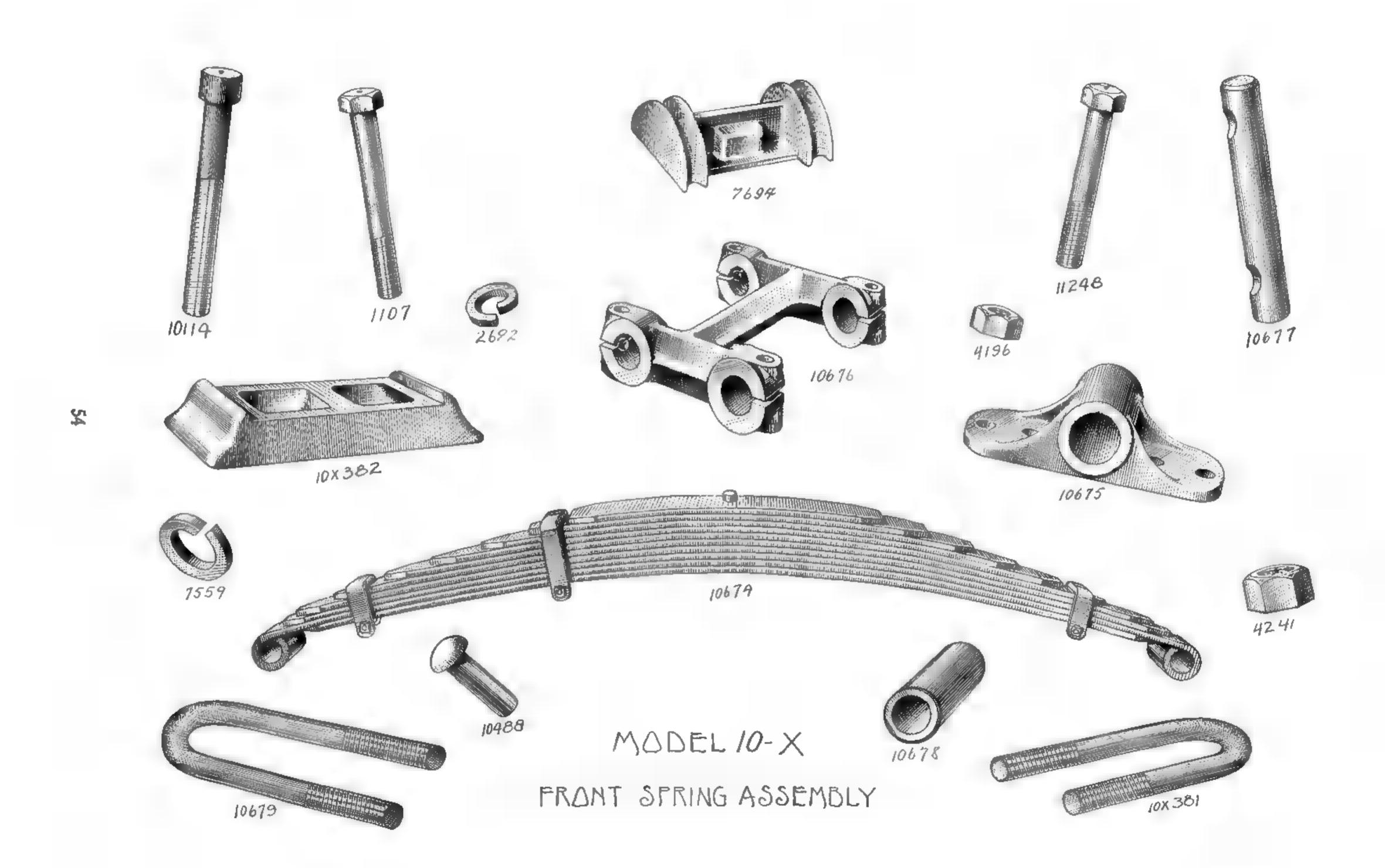
MAGNETO ATTACHING PARTS

Use all material listed under attaching parts on page 45 except 10x352 cable and add the following parts.

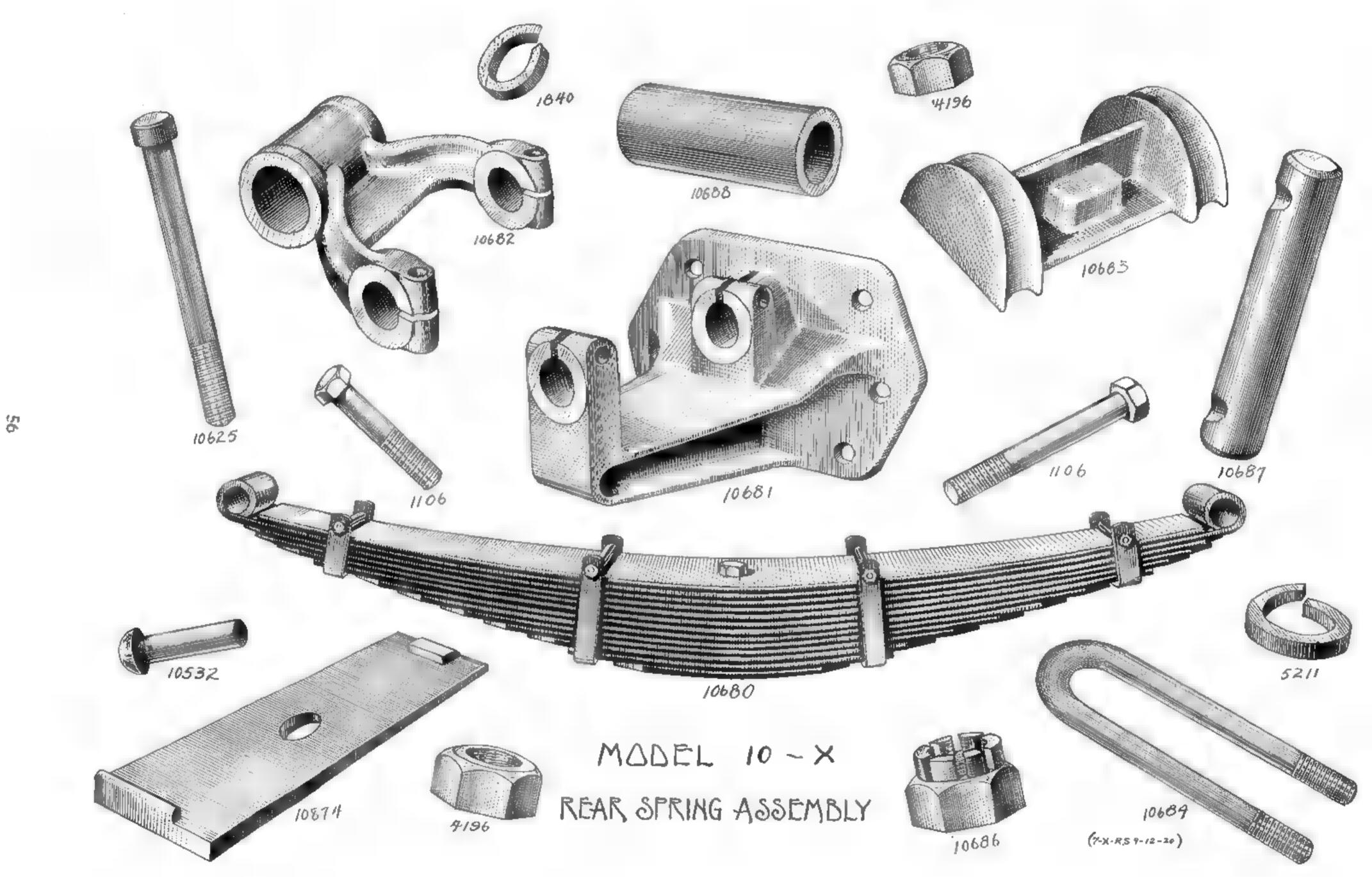
Number	Name of Part	Pieces Per Car
14143	Cowl junction block 4 post	
6690	Cowl Junction Block to Cowl Attaching Screws.	5
6407	Cowi Junetion block to Cowi Nills	')
1274	Cowl Junction Block to Cowl Lock Washers	1
10×593	Magneto to Junction Block Cable Assembly	1
10×594	Treating it to Juliction Block Cable Assembly R. H.	1
10x595	reading to Junction Block Cable Assembly, L. H.	1
10x596	rannight to Junction Block Cable Assembly	3
11288	Capite to Cowi Clips	3
1890 1274	Cable to Cowl Clips Bolts	3
11285	Capie to Cowl Clips Lock Washers	3
1890	Cable to Frame Chps	3
1026	Cable to Frame Clips Bolts	1
10x597	Cable to Frame Clips Lock Washers Junction Block to Switch Panel Cable Assembly	1
2011071	Janotton Diock to Ontton Lanci Cable "133cmoly "	T
	GENERATOR	
14151	Generator Complete (Remy 917D)	1
14152	Frame and Field Assembly	1
14153	Frame Only	2
14154 14156	Pole Shoe	4
14157	Lead Bushing	1
14158	Lead Clip	1
14159	Field Coil R. H. Field Coil L. H.	1
14160	Relay Lead Assembly	1
14161	Relay Lead Clip	1
14162	Armature Assembly	1
14163	Drive End Bearing and Bushing Assembly	1
14164	Drive End Bushing	1
14165	Drive End Bearing Dowel	1
14166 14167	Shim Washer (as Required)	
14168	Washer Shaft Nut	1
14169	Woodruff Key	1
14160	Shaft Gear Washer	1
1471	Oilwick	î
14172	Commutator End Bearing and Brush Assembly	ī
14173	Commutator End Bearing and Bushing Assembly	1
14174	Commutator End Bearing Bushing	1
14175	Commutator End Bearing Bushing Dowel	
14176	Brush	
14177 14178	Brush Screw I cale Washer	
14170	Brush Screw Lock Washer	
14180	Brush Holder	
14181	Brush Spring (3rd and Ground Brushes)	2
14182	Brush Spring (Ins. Main Brush)	ĩ
14183	Third Brush Plate Assembly	ĩ
14184	Third Brush Ground Lead	1
14185	Third Brush Ground Lead Clip	1
14186	Spring Washer	1
14187	Spring Plate Pin	
14188	Brush Clip Screw	
14189	Brush Clip Screw Lock Washer	
14190	Brush Plate Clamp Screw	and the same of th
14191 14192	Brush Plate Clamp Screw Lock Washer	
14193	Ground Screw	1



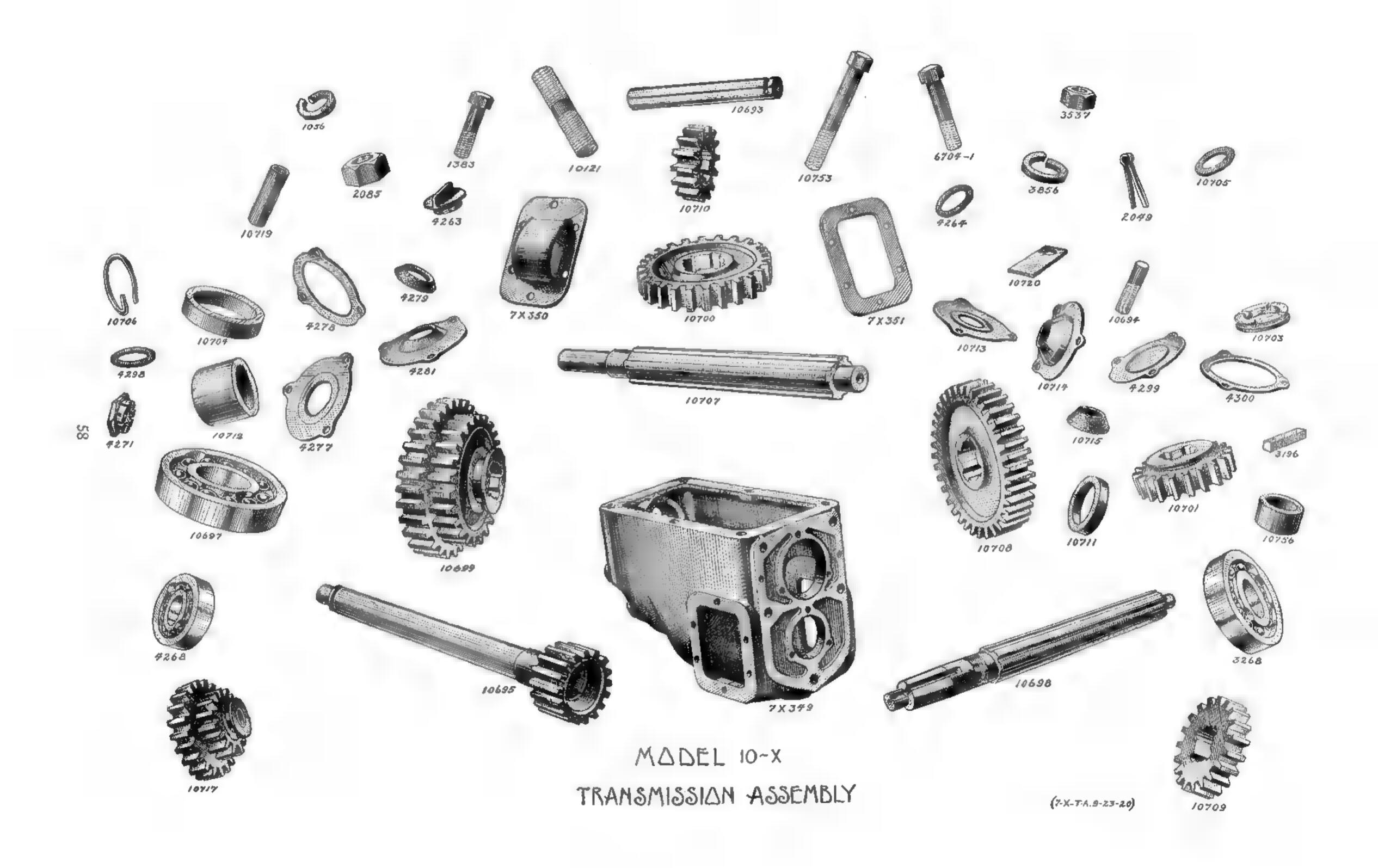
Catalog Number	Name of Part	Pieces Per Car
14194 14195 14196 14197 14198 14199 14200 14201	Ground Screw Lock Washer Thermostat Assembly Thermostat Resistance Assembly Thermostat Resistance Screw Thermostat Resistance Lock Washer Commutator Band Assembly Oiler Oil Well	1 1 1 1 1 1
	GENERATOR ATTACHING MISCELLANY	
10x590 10x591 10x592	Generator to Junction Block Cable Assem	1 4 1
	GASOLINE TANK	
70509 11392 9007 9187 9188 9189 9188 3336 1056 9190 1397 1056 7600 70840 70841 60219 60219 60219 2001 6128 1026 1009 70842	Gasoline Tank Gasoline Tank Filler Cap Gasoline Tank Filler Cap Gasket Gasoline Tank Support Brackets Gasoline Tank Support Pads Gasoline Tank Support Pads Gasoline Tank Support Pads Gasoline Tank Support Bracket Bolts Gasoline Tank Support Bracket Bolt Washer Gasoline Tank Support Bracket Bolt Washers Gasoline Tank Support Bracket Bolt Washers Gasoline Tank Hold Down Straps Gasoline Tank Hold Down Strap Bolts Gasoline Tank Hold Down Strap Washers Gasoline Tank Hold Down Strap Washers Gasoline Tank Shut off Valve Gasoline Line Assembly Comprising Parts A to B "A" Gasoline Line Gasoline Line Clip Gasoline Line Clip Gasoline Line Clip Gasoline Line Clip Bolt Gasoline Line Clip Bolt Gasoline Tank Hold Down Strap Nut Gasoline Tank Hold Down Strap Nut Gasoline Line Elbow	1 2 2 4 4 4 4 4 4 1 1 1 1 1 1 2
	MUFFLER AND EXHAUST PIPE (Illustrated on Page 46)	
7x327 4599 5486 1019 10587 3858 3658 1019 7x329 5835 7x333 5835 10x355 10x94 10x95 1397 1009 1056 10x356 10x357 7x334 7x93 1397 1009 1056 1056 1056 1056 1056 1056 1056 1056	Muffler Support Tabs Muffler Support Tab Bolts Muffler Tab to Bracket Bolt Lock Washers Muffler Support Bracket Rivets Muffler Support Bracket Rivets Muffler Tab to Bracket Bolts Muffler Tab to Bracket Bolts Muffler Tab to Bracket Bolts Muffler Exhaust Pipe Clamp Muffler Exhaust Pipe Clamp Bolt Muffler Exhaust Pipe Clamp Bolt Muffler Tail Pipe Clamp Bolt Exhaust Pipe Exhaust Pipe Adapter Exhaust Pipe Adapter Gasket Exhaust Pipe Adapter Screw Nuts Exhaust Pipe Adapter Screw Nuts Exhaust Pipe Adapter Screw Lock Washers Exhaust Pipe Adapter Set Screw Exhaust Pipe Adapter Set Screw Exhaust Pipe Adapter Set Screw Lock Nut Muffler Tail Pipe Muffler Tail Pipe Muffler Tail Pipe Support Bracket Assembly Comprising 5 following Parts: Muffler Tail Pipe Support Bracket Link Screw Muffler Tail Pipe Support Bracket Link Screw Nut Lock Washer Muffler Tail Pipe Support Bracket Bolts	244242211111111133331111



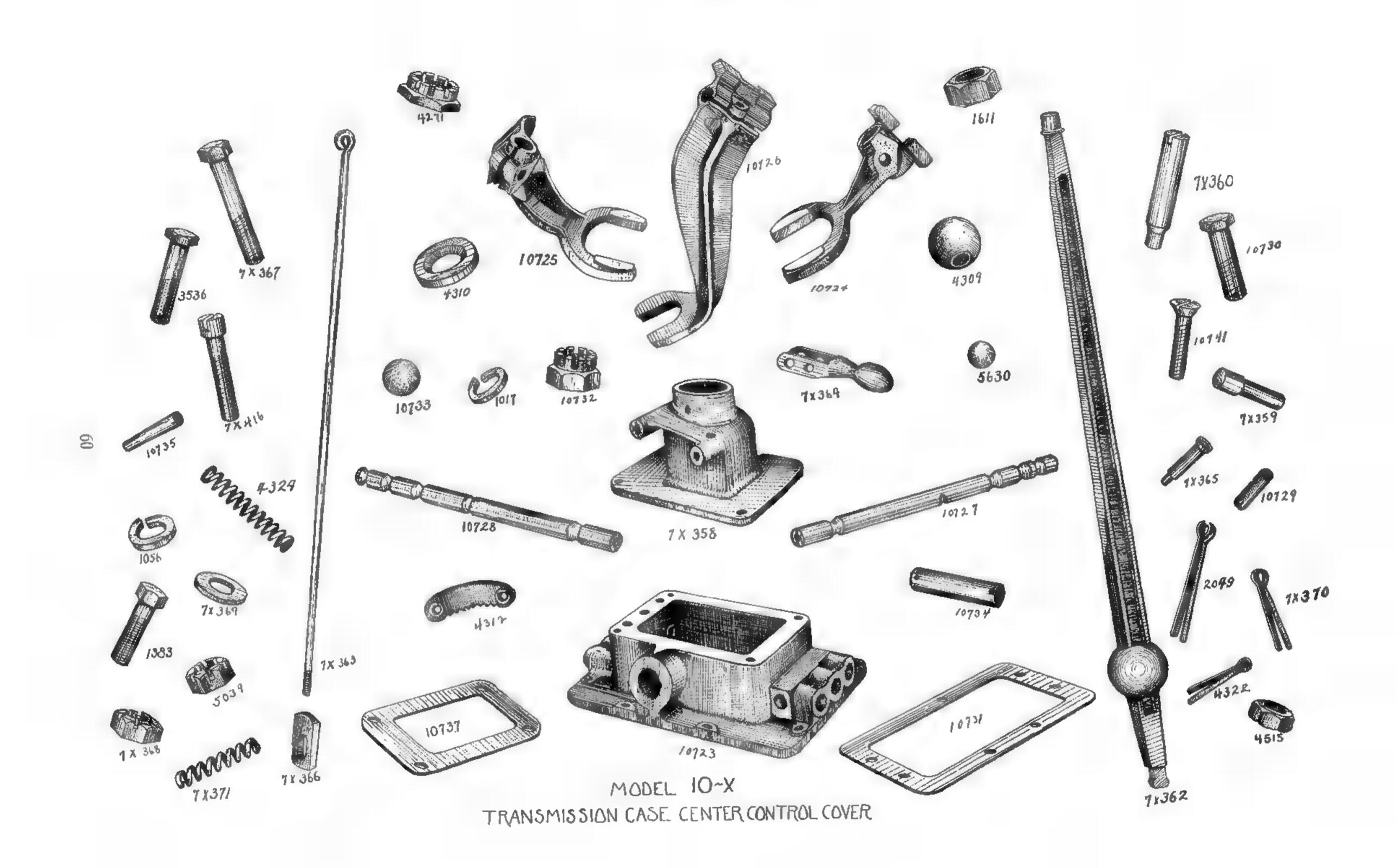
Catalog Number	Name of Part	Pieces Per Car
	RADIATOR	
	(Illustrated on Page 48)	
10x358 10605 7637 10606 7x336 7639 2700 2692 10x359 7641 1383 10x360 10952 7644 70979 70980 10610 11388 10x361 7645 7645 7646 7647 10612 4198 7559 10614 10x362 4135 10x363 7656 10x364 10x365 10x364 10x365 10x365 10x365 10x365 10x365	Radiator Assembly Comprising Parts A to B. "A" Radiator Top Tank Filler Cap. Radiator Top Tank Filler Cap Gasket. Radiator Inlet. Radiator Inlet Gasket Radiator Inlet Screws Radiator Inlet Screws. Radiator Outlet Gasket. Radiator Outlet Gasket. Radiator Outlet Gasket, Radiator Outlet Screws. Radiator Outlet Screws. Radiator Outlet Screws. Radiator Core. Radiator Core Gaskets. Radiator Core Gaskets. Radiator Core Clamping Strips—Front, Upper and Lower. Radiator Core Clamping Strips—Rear—Upper Radiator Core Clamping Strips—Rear—Upper Radiator Side Members. Radiator Side Members. Radiator Side Member Set Screws. Radiator Bottom Tank Radiator Core to Tank Screws—Long Radiator Core to Tank Screws—Long Radiator Hold Down Studs Radiator Hold Down Stud Nuts. "B" Radiator Hold Down Stud Nuts. Radiator Support Pads Radiator Inlet Hose Radiator Outlet Hose Radiator Outlet Hose Radiator Outlet Hose Clamp Radiator Brace Rod Assembly Comprising Parts C to D. "C" Radiator Brace Rod Lock Washers "D" Radiator Brace Rod Lock Washers	1 1 1 1 1 1 1 1 2 2 1 1 1 2 2 1 2 1 2 1
	DRIVE SHAFT—HARTFORD TYPE	-
	(Illustrated on Page 50)	
	165" WHEEL BASE USED ON CHASSIS 10001X to 10075X	
10x366 10x367 10x368 10631 10632 10x369 10633 10652 10645 10645 10645 10646 10641 1056 10641 10x370 10x371 10x371 10x371 10x371 10x372 10x371 10x372 10630 10639 10640 10664 10664 10663 2049 3196	Drive Shaft (2 Section) with 3 Joints Complete, Comprising Parts A to I. "A" Front Drive Shaft Assembly with One Joint Only Comprising Parts I to E. "B" Front Drive Shaft I Conly. Front Drive Shaft Joint Assembly Comprising Parts C to D. "C" Drive Shaft Joint Inside Cover Drive Shaft Joint Inside Cover Gasket Drive Shaft Joint Outside Cover. Drive Shaft Joint Outside Cover Packing Drive Shaft Joint Flange Yoke Drive Shaft Joint Flange Yoke Drive Shaft Joint Short Pin Drive Shaft Joint Hub and Yoke Bushings Drive Shaft Joint Pin Bolt Drive Shaft Joint Pin Bolt Nut Drive Shaft Joint Pin Bolt Nut Drive Shaft Joint Pin Bolt Lock Washer Drive Shaft Joint Inside Cover Oil Hole Plug. Drive Shaft Joint Inside Cover Plug Cotter Drive Shaft Joint Outside Cover Spring Drive Shaft Joint Outside Cover Spring Cap "D" Drive Shaft Joint Outside Cover Spring Cap "D" Drive Shaft Joint Companion Flange Front Drive Shaft Joint Companion Flange Bolts Front Drive Shaft Joint Companion Flange Bolt Lock Washers Front Drive Shaft Rear Companion Flange Nut Front Drive Shaft Rear Companion Flange Key.	111111111111111111111111111111111111111



Catalog Number	Name of Part	Pieces Per Car
10x373	Rear Drive Shaft Assembly with Two Joints, Comprising Parts F to I	1
10x374	"F" Rear Drive Shaft Only	1
10659 10632	"G" Drive Shaft Joint Inside Casing	i
10x369	Drive Shaft Joint Inside Casing Gasket	1
10633	Drive Shaft Joint Outside Casing	1
10652 10635	Drive Shaft Joint Flange Yoke	Ī
10645	Drive Shaft Joint Long Pin	1
10643 10642	Drive Shaft Joint Short Pin	4
10x375	Rear Drive Shaft Front Joint Slip Hub	1
10638 10654	Drive Shaft Joint Pin Bolt	1
1056	Drive Shaft Joint Pin Bolt Lock Washer	1
10646	Drive Shaft Joint Block or Bearing Cross	1
10x376 3948	Drive Shaft Joint Inside Casing On Hole Elbow Plug	1
10×370	Drive Shaft Joint Outside Cover Spring	1
10x371 10x372	Drive Shaft Outside Cover Spring Cap	2
10647	Rear Drive Shaft Front Joint Dust Cap	1
10651 -10650	Rear Drive Shaft Front Joint Dust Cap Felt	i
10630	Rear Drive Shaft Front Joint Companion Flange	1
10x377	Rear Drive Shaft Front Joint Companion Flange Bolt	8
10640 1056	Drive Shaft Joint Companion Flange Bolt Lock Washer	8
10631	Rear Drive Shaft Rear Joint Assembly	
10052	All parts are the same as listed under No. 10631 Drive Shaft Front Joint Assembly. Rear Drive Shaft Rear Joint Companion Flange	1
10953 10639	Drive Shaft Joint Companion Flange Bolts	8
10640	Drive Shaft Joint Companion Flange Bolt Nuts	8
1056	"I" Drive Shaft Joint Companion Flange Bolt Lock Washers	0
	DRIVE SHAFT	
	185" WHEEL BASE	
10x378	Drive Shaft (2 Section) with 3 Joints Complete	1
	All parts are the same as listed under No. 10x366 Drive	
	Shaft for 165" Wheel Base with the exception of the following parts:	
10x380	Rear Drive Shaft Only	1
10x379	Rear Drive Shaft Assembly with Two Joints Only	1
	ATTACHING MISCELLANY	
70292	Drive Shaft Center Bearing	. 1
100057 70287	Drive Shaft Center Bearing Housing	
10627	Drive Shaft Center Bearing Housing Cap Screws	4
1383 1056	Drive Shaft Center Bearing Housing Cap Screws	4
70289	Drive Shaft Center Bearing Housing Dust Washer	
70290 70295	Drive Shaft Center Bearing Housing Cap Dust Washer Drive Shaft Center Bearing Grease Cup	. 1
4546	Drive Shaft Center Bearing Housing to Cross Member Screws	. 4
4426 2692	Drive Shaft Center Bearing Housing to Cross Member Screw Nuts	4
2092	Dive Shatt Center Dearing 110using to Oross Recursor -out Washers III The Control of the Control	-
	DRIVE SHAFT (SPICER)	
	165" WHEEL BASE USED ON CHASSIS 10076X AND UP	
	(lilustrated page 52)	
10x514	Drive Shaft Assembly Complete with 3 Joints comprising parts A to F	
10x515	"A" Front Drive Shaft Assembly with One Joint comprising Parts B to D	4
10x551 10x585	"B" Front Drive Shaft Only	. 1
10x553	Front Drive Shaft Lock Nut	. 1
10x553	Front Drive Shaft Joint Assembly comprising Parts C to D	$\bar{1}$



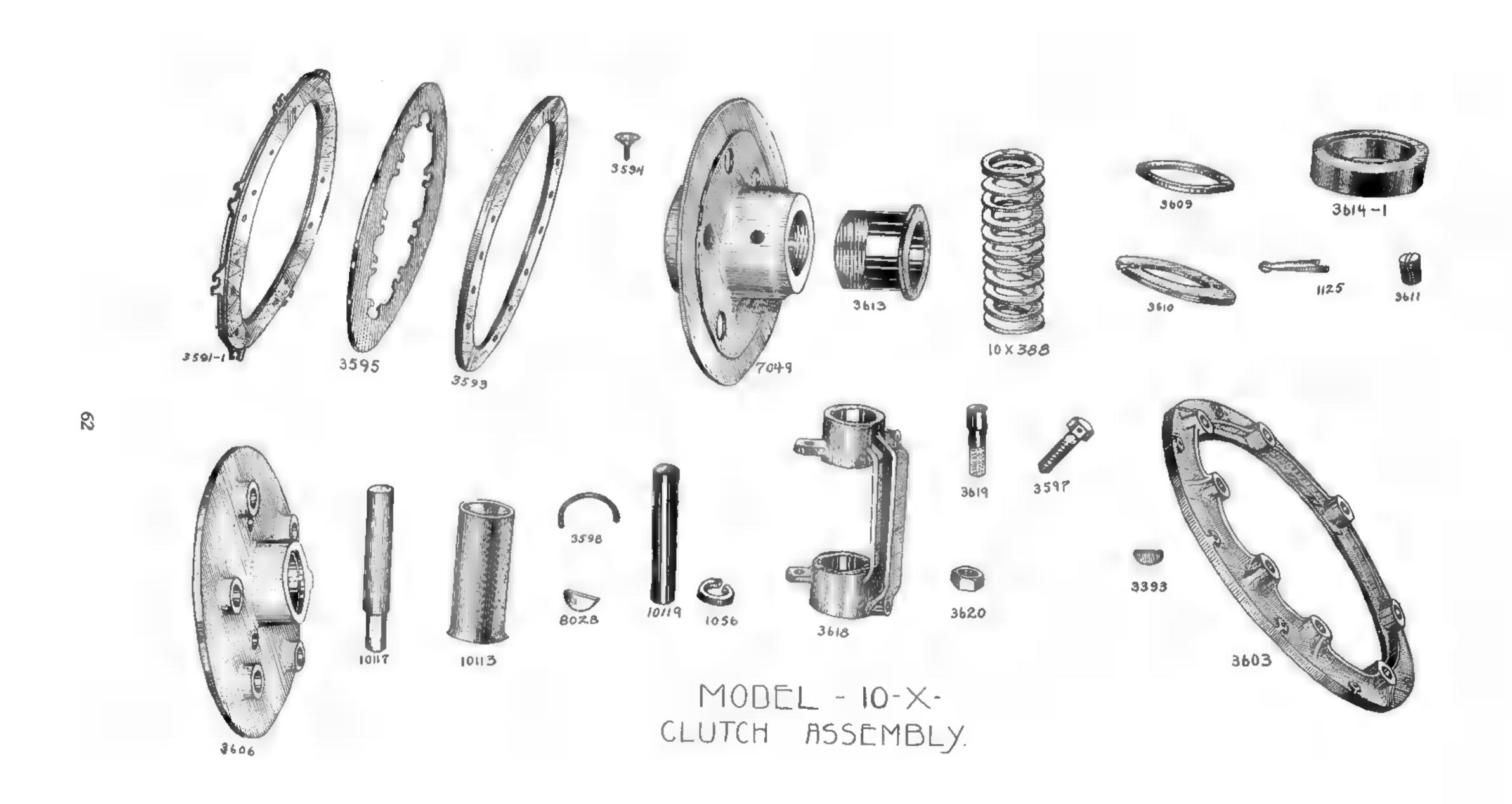
Catalog Number	Name of Part	Pieces Per Car
10x554 10x555 10x556 10x559 10x560 10x561 10x562 10x563 10x564 10x565 10x566 10x567 10x568 10x569 10x570 10x571 10x571 10x572 10x573 10x573 10x574 10x575 10x576 10x576 10x576 10x576 10x576 10x576 10x576 10x577 10x578 10x579 10x579 10x580 10x580 10x581	"C" Drive Shaft Front Joint Outside Casing or Shutter. Drive Shaft Front Joint Inside Casing Packing Drive Shaft Front Joint Inside Casing Vent Plug Drive Shaft Front Joint Inside Casing Vent Plug Drive Shaft Front Joint Casing Springs Drive Shaft Front Joint Casing Spring Retainers Drive Shaft Front Joint Casing Spring Retainer Bolts Drive Shaft Front Joint Casing Spring Retainer Bolt Nuts Drive Shaft Front Joint Flanged Yoke Drive Shaft Front Joint Flanged Yoke Bushing Drive Shaft Front Joint Flanged Yoke Bushing Drive Shaft Front Joint Flanged Yoke Journal or Spider Rear Drive Shaft Front Joint Flanged Yoke Journal or Spider Rear Drive Shaft Front Joint Flanged Yoke Journal or Spider Rear Drive Shaft Front Joint Assembly with Slip Hub Comprising all Parts listed under 10x515 Front Joint Assembly and also the next four Parts Rear Drive Shaft Front Joint Sleeve Yoke or Slip Hub Rear Drive Shaft Front Joint Dust Cap Rear Drive Shaft Front Joint Dust Cap Felt Washer Rear Drive Shaft Front Joint Dust Cap Steel Washer Rear Drive Shaft Front Joint Dust Cap Steel Washer Rear Drive Shaft Front Joint Companion Flange (Transmissionend) Drive Shaft Front Joint Companion Flange (Transmissionend) Drive Shaft Front Joint Companion Flange Bolt Drive Shaft Rear Joint Companion Flange Bolt Nuts Drive Shaft Rear Joint Companion Flange Bolt Drive Shaft Rear Joint Companion Flange Bolt Lock Washers Drive Shaft Center Joint Companion Flange Bolt Lock Washers Drive Shaft Center Joint Companion Flange (on Hand Brake drum)	1 1 1 1
	DRIVE SHAFT (SPICER)	
	FOR 185" WHEELBASE	
10x582 10x583 10x584	Drive Shaft Assembly 2 Sections with 3 Joints complete for 185" Wheelbase Chassis All parts are same as listed under 10x514 drive shaft for 165" Wheelbase with the exception of the following parts: Rear Drive Shaft Assembly with 2 Joints Rear Drive Shaft Only	1
	DRIVE SHAFT (SPICER) FOR HOIST	
10x530 10x531	Drive Shaft Assembly 2 Sections with 3 Joints complete for Hoist Installation Front Drive Shaft Only for Hoist Propellor Shaft attaching miscellany All Parts are same as listed under Hartford Type Drive Shaft Attaching Miscellany.	1 1
	FRONT SPRING	
10674 1107 4196 2692 10675 10488 11248 10676 4196 2692 10677 10678 7694 10679 4241 7559 10114 10x381 10x382	Front Spring Bracket Clamp Screws Front Spring Bracket Clamp Screw Nut Front Spring Bracket Clamp Screw Nut Front Spring Bracket Clamp Screw Lock Washers Front Spring Rear Brackets Front Spring Rear Bracket Rivets Front Spring Shackle Clamp Screws Front Spring Shackle Clamp Screw Nuts Front Spring Shackle Clamp Screw Nuts Front Spring Shackle Clamp Screw Lock Washer Front Spring Bushings Front Spring Bushings Front Spring Clip Spacers Front Spring Clip Nuts Front Spring Clip Nuts Front Spring Clip Lock Washers Front Spring Clip Lock Washers Front Spring Clip Lock Washers Front Spring Clips—for use with Pneumatic Equipment Front Spring Axle Pads—for use with Pneumatic Equipment	4442882886624888
		-



REAR SPRINGS

(Illustrated on Page 56)

Catalog Number	Name of Part	Pieces Per Car
10680 10681 10532 1106 4196 1840 10682 1106 4196 1840 10683 10684 10686 5211 10685 10687 10687 10688 10874 10625-1 10x383	Rear Spring Brackets Rear Spring Bracket Rivets Rear Spring Bracket Clamp Screws Rear Spring Shackle Clamp Screw Nuts Rear Spring Bracket Clamp Screw Lock Washers Rear Spring Shackles Rear Spring Shackles Rear Spring Shackle Clamp Screw Nuts Rear Spring Shackle Clamp Screw Nuts Rear Spring Shackle Clamp Screw Nuts Rear Spring Clip Spacers Rear Spring Clip Spacers Rear Spring Clip Nuts Rear Spring Clip Nuts Rear Spring Clip Lock Washers Rear Spring Pins Rear Spring Rebound Plate Rear Spring Center Bolt Rear Spring Center Bolt Rear Spring Axle Pads—for use on 185" Wheel Chassis.	428882444248826622
	TRANSMISSION	
	(Illustrated on Page 58)	
10x384 7x349 10692 4257 10121 2085 3856 7x350 7x351 1383 1056 10694 4263 4264	Transmission and Clutch Assembly including Controls comprising Parts A to L "A" Transmission Gear Case Transmission Name and Number Flate Transmission Name and Number Plate Rivets Clutch Housing Studs Clutch Housing Stud Nuts Clutch Housing Stud Washer (Lock) Cover Plate for Power Take Off. Cover Plate Gasket Cover Plate Screws Cover Plate Screws Transmission Case Dowel Pin Transmission Case Oil Drain Plug Transmission Case Oil Drain Plug Gasket	125555116622
	MAIN DRIVE GEAR AND SHAFT	
10695 4268 10697 10698 4271 2049 10699 10701 4276 4277 4278 4279 10703 10704 6704-1 10753 10705 3537 10705 3537 1056 10706 3196 1367	Main Shaft Drive Gear, 17 Teeth and Clutch Shaft Integral. Main Shaft Front Annular Ball Bearing (Inside Drive Gear). Clutch Shaft Rear Annular Ball Bearing Main Shaft—Splined Main Shaft Nut Main Shaft Nut Cotter Main Shaft Ist and 2nd Speed Gear Main Shaft High and 3rd Speed Gear Main Shaft Bearing Cover Assembly Comprising next 2 parts Main Shaft Bearing Cover Gasket Main Shaft Bearing Cover Washer Retainer Main Shaft Bearing Cover Washer Retainer Main Drive Gear Oil Retainer Washer Main Shaft Bearing Retainer Nut Main Shaft Ball Bearing Spacer Main Shaft Rear Bearing Retainer Bolts Main Shaft Rear Bearing Retainer Bolts Main Shaft Bearing Retainer Washer Main Shaft Bearing Retainer Washer (Lock) Main Shaft Bearing Retainer Washer (Lock) Main Shaft Bearing Retainer Nut Snap Ring Main Shaft Key Main Drive Gear Clutch Pilot Bearing (in Flywheel)	1 2 1 1 1 1 2 2 2 2 2 1 1 3 3 6 6 6 1 1 1 1 1 1 2 2 2 2 2 1 1 3 3 6 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1



Catalog Number	Name of Part	Pieces Per Car
	COUNTERSHAFT AND GEARS	
10707 10708 10709 10710 10700 10711 10712 4298 10713 10714 1383 1056 10715 4299 1383 1056 4300 10756 3268 10717 10719 10693 10720	Countershaft Drive Gear, 37T Countershaft 2nd Speed Gear, 19T Countershaft 1st Speed Gear 14T Countershaft 3rd Speed Gear 26T Countershaft 2nd and 3rd Speed Gear Spacer. Countershaft Drive Gear and 3rd Speed Gear Spacer Countershaft Floating Thrust Washer Countershaft Rear Bearing Cover Countershaft Rear Bearing Washer Retainer Countershaft Rear Bearing Washer Retainer Screws Countershaft Rear Bearing Washer Retainer Screws Countershaft Rear Bearing Washer Retainer Screw Countershaft Rear Bearing Cover Countershaft Bearing Cover Screw Washer Countershaft Bearing Cover Screw Countershaft Bearing Cover Screw Countershaft Bearing Cover Gasket Countershaft Rear Bearing Spacer Countershaft Annular Ball Bearing Reverse Idler Gear With Bushing Reverse Idler Gear Shaft Reverse Idler Gear Shaft Reverse Idler Gear Shaft Lock	1112211133112111111
	GEAR SHIFT MECHANISM	
	(Illustrated on Page 60)	
7x356 10723 4324 5630 3536 10732 10725 10726 10727 10728 10729 10733 10730 5039 4322 10734 10735 4271 2049 10731 1383 1056 7x357 7x358 7x359 4515 1019 4312 10737 7x360 1611 7x416 1019 10741 1383 1056	Hand Control Set Complete including Brake and Gear Shift Control Lever, Gear Shifter, Forks, Arms, etc. (See Hand Brake Control for Hand Brake Lever Parts.) Comprising parts "A to G" "A" Center Control Cover Assembly Comprising Parts B to C "B" Center Control Shifting Bar Housing Center Control Shifting Yoke Spring Center Control Shifting Yoke Spring Ball Center Control Shifting Yoke Bolt . Center Control Shifting Yoke Bolt . Center Control Shifting Fork Reverse. Center Control Shifting Fork (3rd and 4th Speed). Center Control Shifting Fork Reverse. Center Control Shifting Bar (3rd and 4th Speed). Center Control Shifting Bar (3rd and 4th Speed). Center Control Interlocking Cross Pin Center Control Interlocking Ball Center Control Interlocking Ball Center Control Shifter Fork Bolt Center Control Shifter Fork Bolt Center Control Shifter Fork Bolt Nut. Center Control Shifter Fork Bolt Cotter Hand Brake Shaft Hand Brake Shaft Nut. "C" Hand Brake Shaft Cotter Center Control Cover Screws Center Control Cover Screws Center Control Cover Screws Center Control Cover Screws Center Control Gear Shifter Lever Housing Assembly "D" Center Control Pivot Pin Nut Scenter Control Pivot Pin Nut Scenter Control Pivot Pin Nut Scenter Control Pivot Pin Washer Center Control Pivot Pin Washer Center Control Reverse Stop Adjusting Screw Nut Center Control Reverse Stop Adjusting Screw Center Control Hand Brake Sector Screw Center Control Hand Brake Sector Screw Washers Center Control Hand Brake Sector Screw Center Control Gear Shifter Lever Housing Screw Center Control Hand Brake Sector Screw Center Control Gear Shifter Lever Housing Screw Center C	113333111121212111111111777111111111111

Catalog Number	Name of Part	Pieces Per Car
7x362-E 4309 4310 7x363 7x364 7x365 7x366 7x367 7x368 7x369 7x370	Gear Shifter Lever Rubber Grip Center Control Threaded Ball Socket Reverse Latch Rod Reverse Spoon Latch Reverse Spoon Latch Reverse Stop Latch Rivets Reverse Stop Latch Bolt Reverse Stop Latch Bolt Nut Reverse Stop Latch Spacing Washer Reverse Stop Latch Bolt Cotter	1 1 1 2 1 1 1 2
	CLUTCH PARTS AND ASSEMBLIES	
10205	(Illustrated on Page 62)	1
10x385 3595	Clutch Assembly Comprising Parts A to H	ż
3591-1	Clutch Outer Disc and Facing Assembly Comprising Parts B to C	8
3592	"B" Clutch Outer Disc	.8
3593-1 3594	"C" Clutch Disc Facing Rivets (Furnished in Lot of 1 doz. o	1 6 96
10113	Clutch Shaft Flanged Sleeve	1
10118	Clutch Driving Flange Assembly Comprising Parts D to E	1
3606 10119	"D" Clutch Driving Flange" "E" Clutch Driving Flange Studs	-84
1617	Clutch Driving Flange Key (shown on drawing as 8028)	ĭ
3598	Clutch Driving Flange Locking Ring	1
7048 7049	"F" Clutch Pressure Plate Assembly Comprising Parts F to G "F" Clutch Pressure Plate	
3609	Clutch Spring Washer	
3610	Clutch Spring Adjusting Plate	1
1125 3613	Clutch Spring Adjusting Plate Cotter	1
3614	Clutch Throwout Bearing	
10x388	Clutch Spring	1
1125	Clutch Spring Adjusting Plate Cotter	
3611 10695	"G" Clutch Pressure Plate Set Screw	
10697	Main Shaft Annular Ball Bearing	
4277	Main Shaft Bearing Cover	1
4278 4281	Main Shaft Bearing Cover Gasket	
4279	"H" Main Shaft Oil Retainer	
7×373	Clutch Housing,	1
7x374 3600	Clutch and Brake Pedal Shaft	I 1
4258	Clutch Pedal Shaft Grease Cup	
7139	Clutch Housing Hand Hole Cover	1
7140 3627	Clutch Housing Hand Hole Cover Gasket,	1
1019	Clutch Housing Hand Hole Cover Washers	4
3617	Clutch Throwout Yoke Assembly Comprising Parts I to J	1
3618 3619	"I" Clutch Throwout Yoke	1
3597	Clutch Throwout Yoke Studs	1
3620	Clutch Throwout Nuts	2
3622 3393	"J" Clutch Throwout Washers	2
10116	Clutch Flywheel Driving Ring Assembly Comprising Parts K and L	1
3603	"K" Clutch Flywheel Driving Ring	1
10117	"L" Clutch Flywheel Driving Ring Stud	8
7x381 7x382	Clutch Bearing Oil Cup Clutch Bearing Flexible Oil Tube	1
7x414	Clutch Bearing Flexible Oil Tube Retaining Clip	1
	ATTACHING PARTS	•
1391	Transmission to Engine Screws	10
1056	Transmission to Engine Screw Lock Washers	12
70881	Transmission Clutch Drum to Flywheel Screws	12
1056	Transmission Clutch Drum to Flywheel Screw Lock Washer	8 8
1367	Transmission Clutch Pilot Bearing (In Flywheel)	1

FRONT WHEEL FOR SOLID PRESSED ON TYPE TIRES

Catalog Number	Name of Part	Pieces Per Ca
100013 100014 70299 70300 4349 1611 1840 70305 70306 70307 70852 70309 70308 70325 70304 70312 70303 70310 7736 1019	Front Wheel Assembly, 36x5, Comprising Parts A, B to C "A" Front Wheel Only, 36x5. Front Wheel Hub with Bearing Races Nos. 70305 and 70306 "B" Front Wheel Hub Flange Bolts Front Wheel Hub Flange Bolt Nuts Front Wheel Hub Flange Bolt Lock Washers Front Wheel Inner Bearing Outer Race "C" Front Wheel Outer Bearing Outer Race Front Wheel Inner Bearing Roller Assembly Front Wheel Inner Bearing Inner Race Front Wheel Inner Bearing Assembly Front Wheel Outer Bearing Roller Assembly Front Wheel Outer Bearing Roller Assembly Front Wheel Outer Bearing Roller Assembly Front Wheel Hub Felt Dust Washers Front Wheel Hub Felt Retainer Washer—Thick Front Wheel Hub Felt Retainer Washer—Thin Front Wheel Hub Cap Screws Front Wheel Hub Cap Screws	222222222222222222222222222222222222222
	FRONT WHEEL FOR PNEUMATIC TIRES	
70760 70880	Front Wheel Assembly, 36x6, Comprising Parts as follows: Front Wheel Only, 36x6 This wheel does not require a separate Hub, Flange, Bolts, Nuts and Washers as the Wheel and Hub are cast integral. All other parts are the same as listed under No 100013 Front Wheel Assembly for solid Pressed On Tire.	2
	REAR WHEEL FOR SOLID PRESSED ON TIRES	
100012 100011 10767 10768 70882 5237 4322 1940 10x389 10x390 10x391 10x392 10x393 10770 10771 10766 10974 7677 1840	Rear Wheel Assembly, 36x5, Comprising Parts A to B "A" Rear Wheel Only, 36x5 Rear Wheel Brake Drums, Rear Wheel Internal Gears, Rear Wheel Internal Gear Bolts Rear Wheel Internal Gear Bolt Nuts Rear Wheel Internal Gear Bolt Lock Washer "B" Rear Wheel Innernal Gear Bolt Lock Washer "B" Rear Wheel Inner Bearing Outer Race Rear Wheel Inner Bearing Roller Assembly Rear Wheel Inner Bearing Inner Race Rear Wheel Inner Bearing Assembly Rear Wheel Inner Bearing Dust Felt Rear Wheel Inner Bearing Dust Felt Rear Wheel Inner Bearing Dust Felt Retainer Rear Wheel Bearing Spacer Rear Wheel Hub Cap Rear Wheel Hub Cap Rear Wheel Hub Cap Screws	22 28 28 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	REAR WHEEL FOR PNEUMATIC TIRE	
100015 100007	Rear Wheel Assembly, 44x10, Comprising Parts as follows: Rear Wheel Only, 44x10 All other parts are the same as listed under No. 100012 Rear Wheel Assembly for Solid Pressed On Tires. RIMS (GOODYEAR DEMOUNTABLE) FRONT	. 2 . 2
70895	Front Pime Complete 38v7 Comprising Darte A to D	. 2
70926 70927 70893 70894 70892 9246 9247 9249	"A" Spare Rim, 38x7, Comprising Parts B to C "B" Wheel Rim Tops. Wheel Rim Side Rings "C" Wheel Rim Lock Rings. Wheel Rim Wedge Rings Wheel Rim Bolts. Wheel Rim Bolt Nuts "D" Wheel Rim Clamps	3 3 3 3 2 20 20

Catalog Number	Name of Part	Pieces Per Car
	RIMS (GOODYEAR DEMOUNTABLE) REAR	
10x394 10x395 10x396 10x397 10x398 10x399 10x400 9247 9249	Rear Rims Complete, 44x10, Comprising Parts A to B "A" Spare Rims, 44x10, Comprising Parts B to C "B" Wheel Rim Tops. Wheel Rim Side Rings, "C" Wheel Rim Lock Rings. Wheel Rim Wedge Rings Wheel Rim Bolts Wheel Rim Bolts Wheel Rim Bolt Nuts, "D" Wheel Rim Clamps	3 3 3 2 20
	RIMS (FIRESTONE DEMOUNTABLE)	
70693 70930 70931 70888 70889 70890 70891 9247 9249 9256 10x401 10x402 10x403 10x404 10x405 10x406 10x407 9247 9249	Front Rims Complete, 38x7, (Type C), Comprising Parts A to D "A" Spare Rims, 38x7, Comprising Parts B to C "B" Rim Base Wheel Rim Side Rings "C" Wheel Rim Locking Rings Wheel Rim Bolts Wheel Rim Bolts Wheel Rim Bolt Nuts Wheel Rim Clamp Wheel Rim Wrench Rear Rims Complete, 44x10, (Type C), Comprising Parts A to D "A" Spare Rims, 44x10, Comprising Parts B to C "B" Rim Base Wheel Rim Side Rings "C" Wheel Rim Locking Rings Wheel Rim Clamping Rings Wheel Rim Bolts Wheel Rim Bolts Wheel Rim Bolts Wheel Rim Bolts Wheel Rim Bolt Nuts Wheel Rim Bolt Nuts Wheel Rim Clamps	3 3 3 20 20 20 20 20 20 20 20 20 20 20
	DRIVERS' SEAT	
10x408 10x409 10827 10825 10826 70865	Drivers' Seat Complete with Cushions and Painting, Comprising Parts A to D. "A" Seat Back Board Assembly Comprising Parts B to C. "B" Seat Back Board Seat Side Rail—R. H. Seat Side Rail—L. H. Seat Back Center Irons "C" Trimming	1 1 1
10832 10831 70866 70867 70856 1840 100019	Seat Front Corner Irons—R. H. Seat Front Corner Irons—L. H. Seat Rear Corner Irons—R. H. Seat Rear Corner Irons—L. H. Seat Hold Down Bolts. Seat Hold Down Bolt Lock Washers "D" Seat Cushions	1 1 4 4
	SEAT BOX PAINTED	
10822 70870 100024 7185 100025 100026 10967 4196 1840 2324	Seat Box Complete, Seat Box Corner Irons, Seat Box Hold Down Brackets Seat Box Hold Down Bracket Rivets. Seat Box Hold Down Bracket—R. H. Seat Box Hold Down Bracket—L. H. Seat Box Hold Down Screws Seat Box Hold Down Screw Nuts. Seat Box Hold Down Screw Lock Washers Seat Box Hold Down Screw Lock Washers Seat Box Hold Down Screw Plain Washers	2 4 1 4 4 4 4
	DRIVERS' CAB	
10x410 10x411 10837 10835 10836	Cab Complete with Cushions and Painting Seat Back Board Assembly Comprising Parts A to B. "A" Seat Back Board Seat Back Side Irons Seat Back Center Irons "B" Trimming	1 1 4 2

Catalog Number	Name of Part	Pieces Per Ca
11453 1840 10x412 10x413 10x414 10x415 5681 5682 6407 1274 2268 68251 60257 6228 11516 100019 10x499	Cab Hold Down Bolts . Cab Hold Down Bolt Lock Washers. Cab Side Curtains—R. H. Cab Side Curtains—L. H. Cab Rear Curtain Cab Front Curtain Cab Curtain Fasteners Cab Curtain Fastener Screws Cab Curtain Fastener Screw Nuts . Cab Curtain Fastener Screw Lock Washers Cab Curtain Fastener Wood Screws Cab Curtain Straps with Snaps and Rings Cab Curtain Straps with Snaps and Rings Cab Curtain Strap Wood Screws Cab Curtain Strap Wood Screws Cab Curtain Strap Wood Plain Washers Cab Seat Cushions Cab Curtains Complete Assembly	4 1 1 1 28 8 8 8 8 8 8 6 6 12 12 12
	WINDSHIELD	
10x416 10x417 10x418A 10x419 10x420 10x421 10x422 10x423 5682 5681 11100 10x424 10x425 6702 1019 10x426 10x427 10x428 7836 5040 10x427 10x428 7836 5040 10x429 2048 10x430 10861 8709 5418 1026	Windshield Assembly Comprising the following Parts Windshield Frame Assembly Comprising Parts A to B Windshield Frame Windshield Glass Windshield Frame Liners Windshield Frame Reinforcing Irons Windshield Frame Bottom Channels Windshield Frame Bottom Channel Liners "B" Windshield Frame Bottom Channel Screws Windshield Curtain Fasteners Windshield Curtain Fasteners Windshield Hinge—Unside Windshield Hinge—Outside Windshield Hinge Screws Windshield Hinge Screws Windshield Hinge Screws Windshield Hinge Pivot Screws Windshield Hinge Pivot Screws Windshield Hinge Pivot Screw Nuts Windshield Hinge Pivot Screw Nuts Windshield Hinge Pivot Screw Cotter Pins Windshield Irons Windshield Irons Windshield Iron Suts Windshield Iron Lock Washers Windshield Liner Windshield Liner Windshield Dash Clips Windshield Dash Clips Bolts Windshield Dash Clip Bolts Windshield Dash Clip Bolts Windshield Dash Clip Bolts Windshield Dash Clip Bolt Lock Washer	2222422448228822222222214
	TIRE PUMP	
7x387 7x388 7x389 1017 1019 7x390 7x391 1006 7x392 7x393 7x394 7x395 7x396 7x397 7x398 7x399 7x400 7x401	Tire Pump Assembly Comprising Parts A to F. "A" Tire Pump Flange Gasket Tire Pump Flange Bolts. Tire Pump Flange Washers Tire Pump Flexible Tubing Tire Pump Flexible Tubing Clip Tire Pump Flexible Tubing Clip Screws Tire Pump Bushing Tire Pump Bushing Tire Pump to Frame Tube Assembly Comprising Parts C to D "C" Tire Pump to Frame Tube "D" Tire Pump Air Hose Assembly Comprising Parts E to F "E" Tire Pump Air Hose to Tube Bushing. Tire Pump Air Hose to Tube Bushing Nut Tire Pump Air Hose to Bushing Connector. Tire Pump Air Hose to Bushing Connector. Tire Pump Air Hose Connector "F" Tire Pump Air Hose Connector	1 1 6 6 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1

HYDRAULIC HOIST

Catalog Number	Name of Part	Pieces Per Car
10×431	Hoist Complete Comprising the following Parts:	
10x432	Cylinder and Base Plate Assembly	. 1
10×433	Cylinder	
10x434	Base Plate	
70990	Base Plate Studs	
4196	Base Plate Stud Nuts,	
1840	Base Plate Stud Lock Washers	
10x435	Bracket to Base Gasket	
71010 4198	Base Plate to Support Screws	
3856	Base Plate to Support Screw Nuts	4
10x436	Base Plate to Support Screw Lock Washers	1
10×437	Cylinder Head Gland	1
6704-1	Gland to Head Screws	. 2
10x438	Cylinder Head Packing	. ī
70632	By-Pass Nipple, 1" Close	ī
70633	Elbow, 1"	. 1
70634	Nipple, 1"x2"	. 1
70635	Packing Nut	. 1
70636	Packing for Nut No. 70035	. 1
70991	Nipple, ½"	. 1
70992 6501	Elbow, ½"	. 1
10x439	Pipe Plug, ½"	, <u>I</u>
10x440	Piston Tube	, <u>1</u>
10×441	Piston Rings	. 2
70630	Tube to Piston Screws and Washers	. 2
70578	Pump Assembly (Square Bottom Drive, Clockwise).	ī
7 05 79	Pump Body	. 1
70580	Pump Body Bushing—Short	. 3
70581	Pump Body Bushing-Long	. 1
70582	Pump Body Cover	. 1
70583	Pump Body Cover Gasket	. 1
70584 70585	Pump Body Cover Screws	. 10
70586	Pump Shaft—Short	. 1
70587	Pump Shaft—Long	. 1
70588	Short Shaft (Pump Gear)	. 1
70589	Long Shaft (Pump Gear)	1
70590	rump Packing Nut	1
70591	Fulfip Fackling Lock Nut	1
70592	A wind Obtoomer to a continuous seems and a seems and a seems and a seems of the se	
70593	Tump Sprocker Ser Screw	1
70594	rump vaive	1
70595 70596	Pump Valve Packing	. 1
70597	rump valve racking Nut.,	1
70598	Pump Valve Curved Lever	. 1
70599	Pump Valve Key	, 1
70600	Pump Unused Port Cover Plate	. 1
1383	I unip Onused For Cover Flate Screws	A
70602	Fump Unused Port Cover Plate Gasket	1
70993	Long Libow Connector Assembly	1
70605	Long Endow Connector	- 1
70607	Long Libow Lacking	1
70606	TOTAL TADOW I ACKING THE	
1383 70597	TIONS 12100W DCICWS, I, 4111, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	1
70994	A WILL THE ACTUAL TO A THE TANK THE TAN	1
70653	maintold Diacket Assembly	- 1
70735	Manifold Bracket Clutch Control Bell Crank	. 1
70736	Clutch Control Bell Crank Pin	. 1
1253	Clutch Control Bell Crank Pin Cotter	. ‡
70617	oneaves	2
70615	Sheave Fins	2
8649	Sheave Fin Cotters	2
70616	Sheave Pin Oilers	2
10x442	Body Hoisting Arm—R. H	. 1
10x443	Body Hoisting Arm-L. H	1

Catalog Number	Name of Part	Picces Per Car
10x444	Cable Assembly	2
70744	Cable Sockets	2
70746	Cable Socket Pins	2
7x18 70745	Cable Socket Pin Cotters	2
10x445	Cable Clips	2
10x446	Stay Rod Only	2
70641	Stay Rod Nuts	8
10×447	Stay Rod Bevel Washers	4
70995	Cable Eye Bolt Assembly	2
70640	Cable Eye Bolt Only	
70641 7902	Cable Eye Bolt Nut	2
10x448	Cable Eye Bolt Cotters	1
10x449	Valve Control Rod Only	1
70739	Valve Control Rod Adjustable Yoke	1
70996	Valve Control Rod Adjustable Yoke Pin	1
5395 3620	Valve Control Rod Adjustable Yoke Pin Cotter	1
10x450	Clutch Control Rod Assembly	î
10x458	Clutch Control Rod Only	1
70739	Clutch Control Rod Adjustable Yoke	1
70996 5394	Clutch Control Rod Adjustable Yoke Pin	1
70997	Clutch Control Bell	1
10794	Clutch Control Bell Crank Bracket Screws	ī
5187	Clutch Control Bell Crank Bracket Plain Washer	1
70998 70999	Pump to Bracket Gasket	1
71000	Pump to Bracket Screws	1
10x451	Dial Plate Clamping Ring	î
70644	Dial Plate	1
70647	Hand Lever—Left	1
70646 70650	Hand Lever-Right	2
70649	Hand Lever Bail	2
70645	Hand Lever Screws	2
70648	Dial Plate to Clamping Ring Screws	2
70639 10x452	Clamping Ring Screws	1
10x453	Cross Arm Assembly	1
10×454	Cross Arm Support	1
10x455	Cross Arm Side Plates	2
10x456	Cross Arm End Sockets	2
10x457 2085	Cross Arm End Socket to Side Plate Clamp Screws	4
10x459	Cross Arm Pin	1
10x460	Cross Arm Pin Nut	1
10x461	Cross Arm Pin Washers	1
71001 70613	Sheave Hanger and Pin	2
70614	Sheave Hanger Ball Nut	2
71002	Sheave Hanger Ball Nut Lock Washer	2
5395 3620	Clutch Control Rod Adjustable Yoke Pin Cotter	1
10x462	Clutch Control Rod Adjustable Yoke Lock Nut	1 1
71003	Hoist Angle Supports	2
71004	Hoist Angle Support Clamping Blocks	4
71005	Hoist Angle Support Clamping Screws	4
2085 71006	Hoist Angle Support Clamping Screw Nuts	8
71007	Hoist Angle Support Guide Plate—L. H	1
70658	Power Take Off Complete	î
70659	Power Take Off Housing	1
70660 70714	Power Take Off Housing Cover	1
1383	Power Take Off Housing Gasket	7
1056	Power Take Off Housing Cover Screw Lock Washers	5
70715	Sliding Gear End Thrust Washer	1
70716	Power Take Off Housing Bushing—Rear	1
70717 70718	Power Take Off Housing Bushing—Front	1
70719	Sliding Gear	1

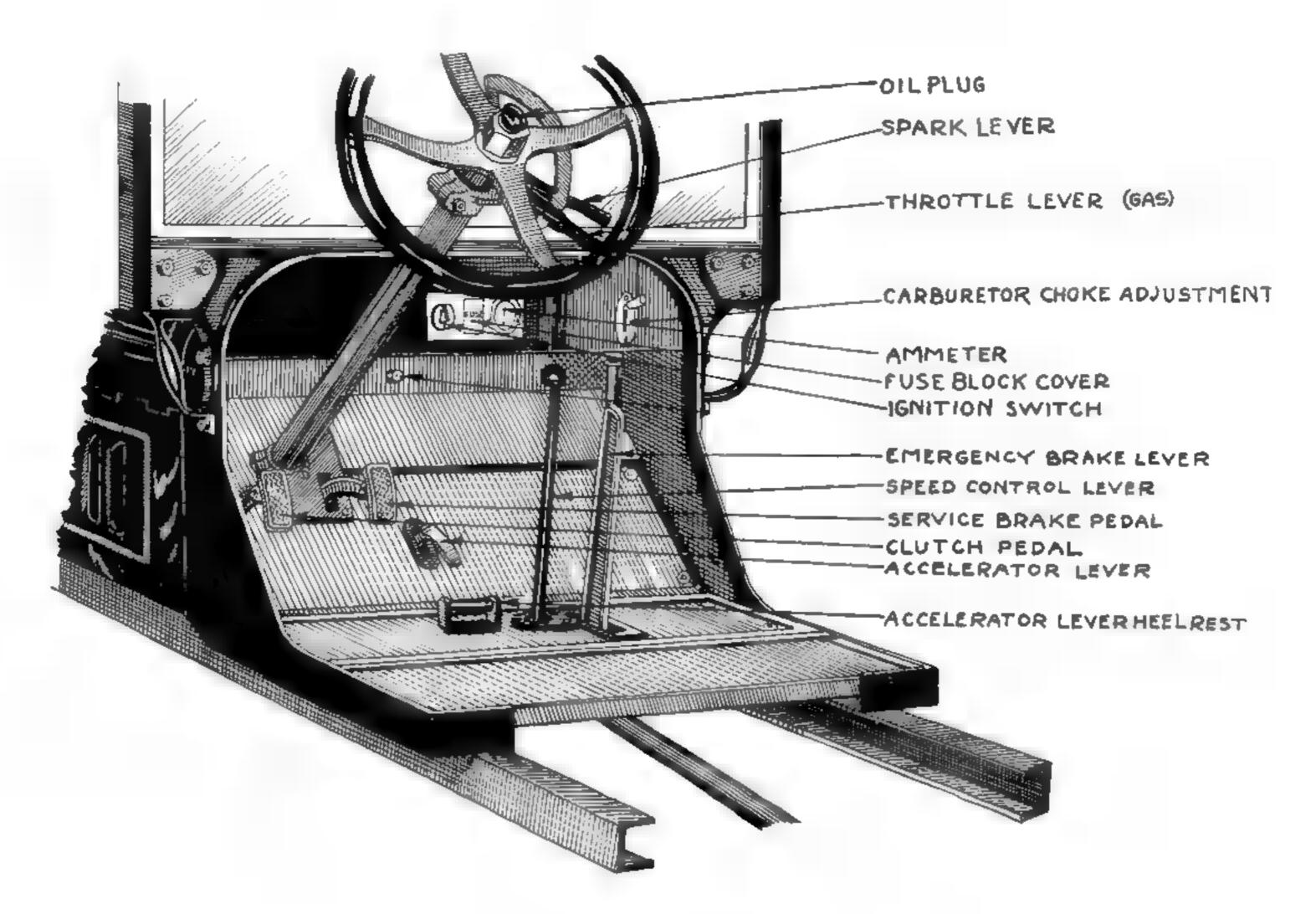
STEWART MOTOR CORPORATION, BUFFALO, N. Y.

10x464	Catalog Number	Name of Part	Pieces Per Car
10x467	70739 70996 5395 3620 10x465 10x466 70748 70750	Gear Shifter Rod Adjustable Yoke. Gear Shifter Rod Adjustable Yoke Pin Cotter. Gear Shifter Rod Adjustable Yoke Pin Cotter. Gear Shifter Rod Adjustable Yoke Lock Nut. Universal Drive Shaft Assembly Universal Drive Shaft Only Universal Joints Universal Drive Shaft Keys.	1 2 1 1 1 1 4
10x468		ATTACHING PARTS	
10x470	10x468 10x469 7553 4546 -3620	Hydraulic Hoist to Frame Bracket—Rear L. H. Hydraulic Hoist to Frame Bracket Front Hydraulic Hoist to Frame Bracket Rivets Hydraulic Hoist to Frame Bracket Screws Hydraulic Hoist to Frame Bracket Screw Nuts	1 1 6 2 2
BODY ATTACHING PARTS	:	BODY	
10x471	_	"D" Stake Body Complete	1 24
7555		BODY ATTACHING PARTS	
Dump Body (Contractors') Complete with Double Action Tail Gate, including Parts A to D (18" Deep x 66" Wide x 114" Long). 1	7553 7555 5187 1840 10x472 2085	Body Hold Down Bracket Rivets Body Hold Down Bracket Bolts Body Hold Down Bracket Bolt Plain Washers Body Hold Down Bracket Bolt Lock Washers Body Hold Down Hooks Body Hold Down Hook Nuts Body Hold Down Hook Lock Washers	12 6 6 6
to D (18" Deep x 66" Wide x 114" Long). 1 10x474 "A" Tail Gate Assembly Including Parts B to C. 1 70909 "B" Tail Gate Hinge Arm Rivets. 70910 Tail Gate Hinge Arm Rivets. 70911 Tail Gate Chain Brackets. 70912 "C" Tail Gate Chain Bracket Rivets. 4 70758 Tail Gate Hinge Bracket Rivets. 70913 Tail Gate Hinge Bracket Rivets. 70911 Tail Gate Chain Body Brackets 8 70911 Tail Gate Chain Body Brackets 9 70915 Tail Gate Chain Body Brackets 10x475 Tail Gate Chain Body and Hinge Bracket Rivets 10x475 Tail Gate Chain Body and Hook 10x476 Tail Gate Hinge Lock Pins 10x476 Tail Gate Hinge Lock Pin Chain 70566 Tail Gate Latch Hooks 10x477 Tail Gate Latch Hooks Bolts 10x477 Tail Gate Operating Rod 10x477 Tail Gate Operating Rod Shackle 70564 Tail Gate Operating Rod Shackle 70565 Tail Gate Operating Rod Shackle Bolt 70561 Tail Gate Operating Rod Attaching Bolt (to control Lever Arm) 2 70563 Tail Gate Operating Rod Guide Clip 70557 Tail Gate Operating Rod Lever Arms 2 70558 Tail Gate Operating Hand Lever 10x478 Tail Gate Operating Hand Lever 10x479 Frame Body Hinge—L. H. 10x479 Frame Body Hinge Filler Block 2 70575 Frame Body Hinge Filler Block 2 70575 Frame Body Hinge Bar Plain Washers 70579 Frame Body Hinge Bar Plain Washers 1 70921 Frame Body Hinge Bar Plain Washers 2 70922 Frame Body Hinge Bar Cotter			
70572 Body Guide Tie Rod	10x474 70909 70910 70911 70912 70913 70913 70913 70917 10x475 70917 10x476 70566 70567 10x477 70564 70563 70563 70563 70563 70563 70576 70576 10x478 70576 70576 70576 70576 70576 70576 70576 70576 70576 70576 70576 70576	to D (18" Deep x 66" Wide x 114" Long). "A" Tail Gate Assembly Including Parts B to C. "B" Tail Gate Hinge Arm—Top and Bottom Pivot. Tail Gate Hinge Arm Rivets. Tail Gate Chain Brackets. "C" Tail Gate Chain Bracket Rivets. Tail Gate Hinge Bracket —Upper and Lower. Tail Gate Hinge Bracket Rivets. Tail Gate Chain Body Brackets Tail Gate Chain Body and Hinge Bracket Rivets. Tail Gate Chain Body and Hinge Bracket Rivets. Tail Gate Chain, Ring and Hook. Tail Gate Hinge Lock Pins. Tail Gate Hinge Lock Pins. Tail Gate Hinge Lock Pin Chain Tail Gate Latch Hooks. Tail Gate Latch Hook Bolts Tail Gate Operating Rod Tail Gate Operating Rod Shackle Tail Gate Operating Rod Shackle Bolt. Tail Gate Operating Rod Shackle Bolt. Tail Gate Operating Rod Guide Clip Tail Gate Operating Rod Lever Arms Tail Gate Operating Hand Lever Tail Gate Operating Hand Lever Tail Gate Operating Hand Lever Pillar Blocks Frame Body Hinge—R. H. Frame Body Hinge Bar Frame Body Hinge Bar Plain Washers Frame Body Hinge Bar Plain Washers Frame Body Hinge Bar Plain Washers Frame Body Hinge Bar Cotter Body Guides.	1 14824442424222222222211211212222

Catalog Number	Name of Part	Pieces Per Ca
70720 70721 70722 70723 70724 70725 70726 70727 70728 6298 71008 71008 70731 10x463	Shifter Fork to Shaft Pin Shifter Fork Shaft Packing Gland Gland Packing Spline Shaft Spline Shaft Packing Gland Spline Shaft Gland Packing Spline Shaft Gland Packing Spline Shaft Key Power Take Off Housing to Transmission Screw Felt Washer Countershaft Extension Stud Gear Shifter Rod Assembly	1 1 1 1 1 3 1
	DUMP BODY (COAL)	
10x480 10x481	Dump Body (Coal) Complete with Double Action Tail Gate	1
	DUMP BODY ATTACHING PARTS	
10x482 4641 1056 7677 5186 4196 1840 5186 4196 1840 70904 4198 3856 10x483 10x484 7677 4196 1840	Dump Body Frame Sills Dump Body Frame Sill Bolts Dump Body Frame Sill Bolt Lock Washers Frame Body Hinge Screws—Short Frame Body Hinge Screws—Long Frame Body Hinge Screw Nuts Frame Body Hinge Screw Lock Washers Frame Body Hinge Filler Block Screws Frame Body Hinge Filler Block Screws Frame Body Hinge Filler Block Screw Lock Washer Body Guide Screw Nuts Body Guide Screw Nuts Body Guide Screw Nuts Body Guide Screw Lock Washers Body Hoisting Arm Screws Body Hoisting Arm Screw Nuts Body Hoisting Arm Brace—R. H. Body Hoisting Arm Brace—L. H. Body Hoisting Arm Brace Screws Body Hoisting Arm Brace Screw Nuts Body Hoisting Arm Brace Screws Body Hoisting Arm Brace Screw Nuts Body Hoisting Arm Brace Screw Lock Washer	6646101444222266116666
		•
	SPEEDOMETER	
	FOR 36" TIRE FLUSH FACE TYPE FOR INSTRUMENT BOARD	
10x485 12440 70942 10779 9266 10781 9338 70822 10x486 10x487 1026 9268	Speedometer Complete Speedometer Head Speedometer Drive Shaft 78" Speedometer Swivel for Left Hand Wheel Speedometer Clamp Angle Bar Speedometer Swivel Clamp Speedometer Drive Pinion, 16-Teeth, 6 Pitch Speedometer Drive Gear, 72-Teeth, 6 Pitch Speedometer Drive Gear Spacer Speedometer Drive Gear Spacer Screws Speedometer Drive Gear Spacer Screws Speedometer Drive Gear Spacer Screw Lock Washer Speedometer Drive Shaft Hanger Strap	1 1 1 8 4 4

SPEEDOMETER

	FOR 38" TIRE, FLUSH FACE TYPE FOR INSTRUMENT BOARD
10x488 9338 10x489	Speedometer Complete
10x490 9341 9342 1025 1026 70942 10779 9266 10781 9338 70822 10x486 10x487 1026 9268	For 36" Tire, Heavy Truck Type. Speedometer Complete
	SPEEDOMETER
	For 38" Tire Heavy Truck Type
10x491 9338 10x489	Speedometer Complete
	POWER TAKEOFF (FULLER TYPE FOR HOIST)
10x492 10x493 1383 1056 10x494 10x495 10x496 10x497 1180 70739	Power Take Off Power Take Off Flange Gasket Power Take Off Flange Screws Power Take Off Flange Screw Lock Washer Power Take Off Shaft Power Take Off Lever Power Take Off Lever Spacer Power Take Off Lever Plain Washers Power Take Off Lever Cotter Power Take Off Yoke End;
	ALEMITE SYSTEM
70939 10x525 10x526 10x527 10x528 9456 9456 9456 9456 9456 9456 9456 9463 9463 10x529 9463 9463	Power Take Off Clevis Pin Groups. Front Spring Bolts Front Spring Bolt Bushings Rear Spring Bolts Rear Spring Bolt Bushings Spring Bolt Oil Cups (Alemite) Spring Bolt Grease Plugs Steering Knuckle Pivot Pin Grease Cups (Alemite) Steering Cross Tube Clevis Bolt Grease Cups (Alemite) Engine Front Support Bracket Grease Cups (Alemite) Steering Gear Housing Grease Cups (Alemite) Steering Gear Housing Reducer Bushing Clutch and Brake Pedal Shaft Grease Cups Propellor Shaft Joint Grease Cup Spur Gear Bearing Grease Cups Propellor Shaft Center Bearing, Grease Cups Propellor Shaft Loint Reducer Bushing Alemite Grease Gun and Hose Alemite Grease Gun Only Alemite Grease Gun Hose



Instructions

For Operation and Maintenance of Stewart Model 7-X Truck

STEWART TRUCKS are designed and built with a large factor of safety and will withstand the most severe service if careful attention is regularly given to the lubrication and adjustment of the operating parts of the mechanism.

These pages are written for the purpose of instructing the owner and driver in regard to certain important points about the operation and maintenance of the car. A careful study of the following pages will aid greatly in obtaining the best results.

Inquiries on points not discussed will receive prompt attention if referred to our Engineering Department.

WARNING

Before placing a new car in service, carefu'ly study the OILING DIAGRAM and also the paragraph under the heading "LUBRICATION." GET ACQUAINTED with your new car and work it in gradually for a few days before attempting to make long runs with heavy loads. Give particular attention to the oiling of the engine. It is better to supply a little too much oil than not enough, especially during the first 500 miles running. Satisfy yourself that the engine, transmission, rear axle and all oil and grease cups have the correct amount of lubricant.

OPERATION

Before bringing a new car from the freight house, make certain that the engine has sufficient oil. Be sure that the radiator is filled with clean water after closing all the drain cocks in the cooling system. The water is drained from the radiator and engine before the cars are shipped so DO NOT start the engine of a new car until the radiator has been filled.

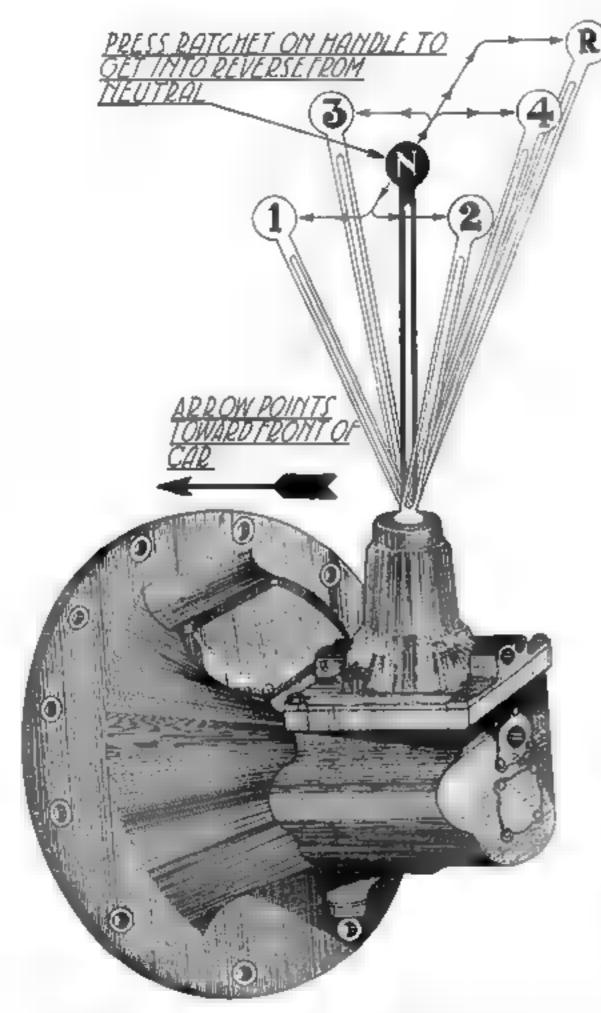
The gasoline tank should next be filled and the shut-off valve under the tank opened. The tank is under the seat and the valve is reached by removing the rear foot board. This valve is open when the handle points down. On the dash will be found the ignition switch which should be placed to position marked "ON."

73

Place the change gear lever in neutral position and set the hand brake lever. Snap forward the little straight lever in the toe-board which partially opens the throttle for starting the engine.

Engage the starting crank with the handle down and then pull up sharply in the right or clockwise direction. If the engine is very cold and does not start promptly after a few trials, it may be necessary to close the carburetor choke valve on the dash to the position marked "Start." If it is necessary to spin the engine, it should be done quickly in order to avoid the possibility of a back kick. After the engine is warmed up, the choke valve on the dash should be moved to the position marked "Run." With the engine running and the driver in his seat, the next operation is to release the hand brake FULL FORWARD. If the car is run for any distance with this brake partly set, the brake lining is liable to be burnt out and other damage may result.

STARTING THE CAR



Release the clutch by pushing forward the left foot pedal and move the change gear lever into the rear left hand position. Model 10X is equipped with m four speed transmission and it is rarely necessary to use the low gear except in extreme cases. Low gear is the left and forward position, which is first gear. Gradually remove the foot pressure on the clutch pedal and the truck will start forward. Now increase the speed of the truck slightly by pressing down on the accelerator; release the clutch and shift the change gear lever to the right and as far forward as it will go. This is the third speed. Now remove the foot pressure on the clutch pedal and the truck will pick up at a greater speed. Next accelerate the speed of the truck by pressing on the accelerator, release the clutch and move the change gear lever as far backward as it will go. This is the fourth or high gear. Now engage the clutch and regulate the speed as desired by means of the foot accelerator. The maximum speed is controlled by the governor which is set at 14 miles an hour. Never reverse the truck while moving forward. Always bring it to a standstill first.

When the car is standing still and with the change gear lever in neutral position, first release the clutch, then move the change gear lever to the right, as far as it will go. Now release the latch by pushing the hand down on the gear shift lever and move farther to the right, then move the lever backward as far as it will go, remove the foot pressure on the clutch pedal and the truck will move backward.

While driving do not rest the foot on the clutch pedal, as it causes the clutch to slip and eventually burn out.

BEFORE STARTING, LEARN HOW TO STOP

To stop the truck, remove the foot from the accelerator, and push on the right-hand foot pedal which controls the service brake. As the truck slows down, release the clutch with the left foot and move the change gear lever into the neutral or central position. Before leaving the truck it is advisable to set the hand brake. The truck will now stand with the engine running slowly. To stop the engine move the switch to position marked "OFF."

IT IS ENTIRELY UNNECESSARY TO RACE THE ENGINE AND IT MUST NOT BE DONE UNDER ANY CIRCUMSTANCES.

DO NOT TINKER

If you do not know how, take the truck to someone who does. STEWART dealers will be found in all the large cities. When possible take your truck to one of these for occasional inspection and adjustment. If there is no STEWART dealer, go to the best repair shop.

REAR AXLE

The axle has been thoroughly lubricated when delivered from our plant. This should be sufficient lubrication for the first month. The shaft bearings (just inside of the brake drums) are lubricated by oil from the supply in the differential case in the center of the axle and by

a grease cup located on the live axle housing just inside of the brake drums. These grease cups should be filled regularly every week. All external brake joints should be given a few drops of oil once a week. The large internal gear inside the brake drum and bolted to the wheel should be lubricated once every month by opening the peep hole covers on inside of brake housings and applying a new coating of grease to the teeth. This must be a very heavy grease which will not flow under any conditions of heat. If grease cannot be obtained thick enough, mix graphite with it until it is thick.

Fill the gear case with two quarts of heavy gear oil. USE THINNER OIL DURING COLD WEATHER. This will then need no more lublication for one month. Before refilling take out the drain plug in the bottom of the case and thoroughly rinse out the old grease and oil with kerosene and gasoline and then fill with new lubricant as above instructed.

The hub bearings can be given sufficient grease by simply removing the hub caps and filling them with grease and screwing back in position. This should be done every month. When wheel is removed for lubricating internal gears, thoroughly wash out the hub bearings with kerosene and gasoline, applying new lubricant. If above instructions are carefully followed, it will insure the proper lubrication of all parts and increase the life of the axle.

FRONT AXLE

The front axle is provided with four grease cups. The grease cups on the axle knuckle pins should receive special attention as they lubricate the bearings on which the knuckles turn. The other two grease cups lubricate the bushings and pins in the cross rod.

The front wheels should be removed every month, the bearings washed out with gasoline and repacked with soft grease. When replacing the wheels be sure that the bearings are properly adjusted.

STEERING GEAR

The steering gear is provided with a grease cup in the lever case. This cup should be filled once a month. Also fill the oil cup on the shaft bearing every week. The two joints in the steering rod connecting the steering gear to the front axle should be packed with grease at least once every month. All other bearings, oil cups and grease cups should be filled as indicated on the oiling diagram.

IF YOU DON'T KNOW HOW TO DO IT, GO TO SOMEONE WHO DOES.

MOTOR

The valves of the motor should be timed occasionally to take up for the natural wear of the valve stems and tappets. Always do this after the motor has been warmed up and never when it is cold. It will be accurate enough for ordinary purposes to slip a piece of paper between the valve stem and the tappet and then tighten the adjusting screw until there is just clearance enough to allow the paper to be withdrawn. It is very necessary that the lock nuts on the adjusting screws be pulled up tight, for if they become loose the timing will be quickly thrown out. For very accurate timing of the valves the marks on the rim of the flywheel must be followed.

THE CRANKSHAFT is provided with three large babbit bearings. These will seldom need attention outside of the regular yearly overhauling, but if the engine should develop a knock, it may be necessary to take up these bearings. To this, remove the lower half of the engine base. This will leave the bearings with their supporting stude exposed. The bearing caps are bolted to the upper half of the crank case and are not disturbed when the lower half is removed. Only a competent mechanic who is thoroughly familiar with this kind of work should be entrusted with the adjustment of these bearings, as it is very important that it be done accurately. The same applies to the four lower connecting rod bearings.

THE TIMING GEARS are all located at the front of the motor and are correctly timed when the engine is built and their relative position should never be changed. If for any reason, one of the gears is removed, it should be first marked and then replaced with the teeth meshing in exactly the same relation with the other gears.

THE MAGNETO is set with a permanent advance of 2½ inches marked on the fly wheel. This setting has been found to give the most satisfactory all around results and should not be altered. The magneto breaker points should be cleaned and adjusted occasionally in accordance with the instructions given in the magneto instruction book, copy of which will be placed in the tool box of every truck.

The simplicity of the ignition system is apparent when it is seen that there are only five wires. Four of these are high tension cables, which lead from the magneto to the four spark plugs. The other wire connects the magneto with the switch on the dash and is used simply to short circuit the magneto and cut off the sparks when the switch is thrown off.

THE CARBURETOR is a standard make, largely used, and easily understood. There are no adjustments. The carburetor is arranged with the proper setting for the best possible all around use, and should not be changed in any way. It may be necessary to occasionally clean out the jets and passages, but under no circumstances should the jets be reamed or the holes enlarged in any other way.

THE GOVERNOR is of standard make and is driven by shafts and gears from the engine itself, and is set for a maximum car speed of 14 miles per hour. No further adjustments are required. When the car is shipped the governor is filled with sufficient oil to last two months. Four ounces of good light machine oil should be put in the case every two months. The governor drive shafts can be oiled through the plug in elbow.

THE CLUTCH itself is a dry plate, multiple disc type, and should always be run dry. However, it will be noted that there is an adjustment for the clutch pedal lever by means of which the pedal may always be brought to the correct position. As the natural wear of the discs takes place the pedal will move back and up against the under side of the toe-board, and if allowed to touch same will cause the clutch to slip. Pedal should be adjusted to allow for at least 1-inch clearance. A slipping clutch will rapidly burn the facings, warp the discs and cause other damage which is expensive to repair. The discs themselves require no adjusting, but are arranged to automatically take up wear.

THE TRANSMISSION is equipped with annular ball bearings on the main shaft. These require no adjustment. The front and rear ends of the main shaft are provided with stuffing boxes where they pass through the case. These should occasionally be repacked to prevent the leakage of oil.

STEERING GEER

The steering gear is provided with an adjusting nut for taking up lost motion which may develop. This adjusting nut is located at the bottom of the steering post where it joins the gear housing. Before making an adjustment here, first remove the drag link so that the steering wheel may be turned fully forward or backward, and then be sure the gears do not bind in any possible position of the wheel.

DRIVE SHAFT

The drive shaft universal joints are enclosed in sheet metal housings, providing protection from dirt. These housings should be filled with soft grease, forced in with a grease gun every month. A pipe plug is provided for inserting grease gun.

ADJUSTMENTS ON REAR AXLE.

The only parts of the rear axle which require occasional adjustment are the brakes. As the brake band linings wear and the pedal action is lost, the adjustment on each brake should be turned up, shortening the brake band. However, 1-16 inch clearance should be maintained all around the brake when the band is fully released.

Brakes should be observed carefully from time to time to see that brake linings are not worn out in places. When they are, linings should be renewed. It should not be necessary to make any adjustments on the bevel gear set for noise or wear. These are properly meshed at the factory and locked in position. If occasion should arise for adjusting these gears it should be done by a person thoroughly competent in this work and familiar with axle construction. Proper mesh of gears should always be determined by a paint mesh and never done by guess. There should be a perceptible looseness between pinion and ring gear.

TO REMOVE WHEEL

After jacking up the rear axle, remove the hub cap, cotter pin and nut. The wheel can then be pulled off from the spindle. The outer bearing remains in the hub and this can be taken out by unthreading the nut. The inner bearing is readily removable, the outside lining being a slip fit in the hub. The brake drum, or internal gear, can then be removed by taking out the bolts which pass through the spokes.

TO REPLACE WHEEL ON SPINDLE

Have both the bearings assembled in the hub. This includes the inner sleeve of the inner or larger bearing. Always be sure the larger bearing is completely assembled in the hub. Do not attempt to assemble the wheel with the rollers on the spindle. Slip the wheel over the spindle and carefully guide the brake drum into the external brake and push the wheel on until it seats. If the wheel does not go all the way on, easily, put on the nut and seat it. Bearings or gears cannot be cramped by tightening up this spindle nut. Lock with cotter pin and put on hub cap.

TO REMOVE PINION FLANGE

Separate the universal joint next to the axle, then remove the six cap screws, after which the whole third member and drive pinion can be taken off as a unit. If this unit must be further dissembled to get out the bearings or to take off the pinion proceed as follows: First remove the lock pin, which is held in place by being peened in slightly. When this burr is removed the pin can be extracted. Next unclamp the split lug on the upper side of the third member casting, then put wrench on the large hexagon and thread inward on this piece until the threads run out of engagement.

Then by taking hold of pinion, the bearings and propellor shaft can be removed. To reach the bearing, unscrew the collar which releases the cage and this can be drawn off over the square of the propellor shaft. The nut is then accessible and by removing this, the bearing can be removed from the shaft. After this, the Hyatt bearing can be removed from the shaft, and lastly, the pinion removed from the taper on the shaft.

TO REMOVE MAIN DRIVE SHAFTS

First remove the wheel, after which, by taking hold of the spur pinion the pinion and shaft can be pulled out from the axle. To remove the bearing simply unthread the collar, after which the bearing can be slipped out.

TO REMOVE DIFFERENTIAL BEARINGS

Remove both wheels and drive shafts. Have the third member removed, then take out the six cap screws, on each side of the gear case. Separate the casings on each side of the axle from the gear case, driving them out through the brake flanges. Then the gear case, together with the differential, may be removed. The two halves of the case can then be separated and the differential or bearings removed.

It is advisable when removing the differential to take the axle out from under the truck. All other replacements can readily be done with the axle in place:

IF YOU DO NOT KNOW HOW, GO TO SOMEONE WHO DOES. DO NOT EX-PERIMENT OR TINKER WITH YOUR TRUCK.

The spring clips have a tendency to gradually lengthen, especially when they are new. For this reason it is advisable to tighten them up at least once a week.

The front wheels are mounted on roller bearings, which will occasionally need adjustment for natural wear. Great care must be used in doing this. DO NOT PULL THEM UP TOO TIGHT. In making an adjustment it is always wise to first revolve the wheel and then slowly draw up the adjusting nut until a slight binding is noticeable. Then back off the adjusting nut part of a turn until the wheel will spin absolutely free.

TRANSMISSION BRAKE

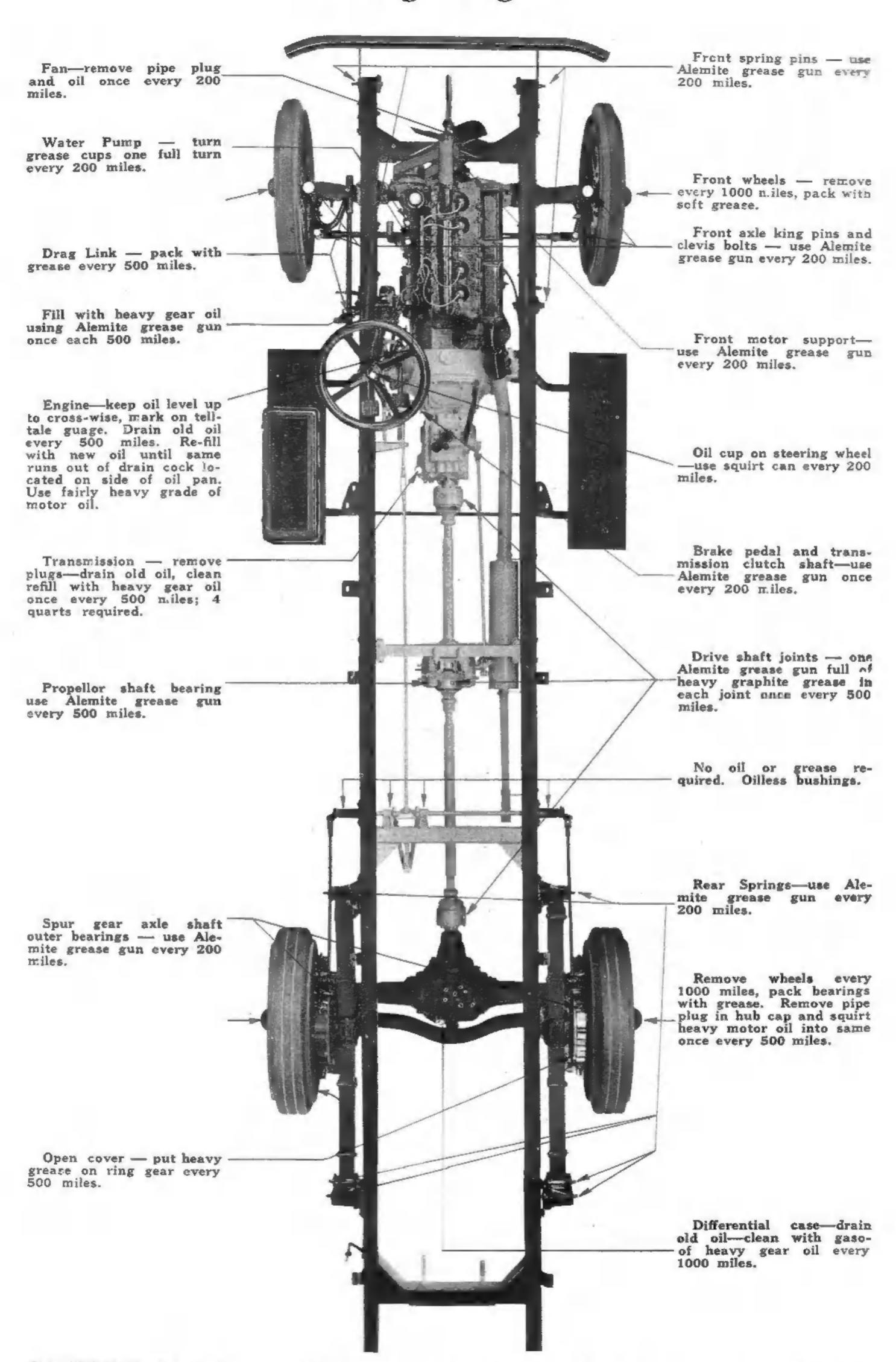
As the natural wear of the brake shoe linings take place, it will be necessary to take up for this wear by turning up the wing nut on the lower toggle.

The set screws on the top end of the brake shoes are for use only in securing the proper clearing between the brake shoes and the drum when the brake is released. These should be adjusted and locked so that the clearance on either brake shoe is the same.

In case the hand lever can be pulled back to the full extent of its throw without setting the brake, it will be necessary to adjust the turnbuckle on the pull rod.

In case the entire brake assembly has been removed from the chassis: When re-assembling the entire unit, including the cross member, brake shoes, front part of the drive shaft and the drum should be put in as a unit, but before doing this the brake shoes should be set up tight on the drum and held there by a hook bolt slipped into the hole where the pull rod clevis is attached to the bell lever. Next loosen up slightly before tightening up bolts which hold each cross member bracket to the side rails. Now place the entire assembly in position in the chassis and put in the drive shaft flange bolts. Next tighten up the four bolts which hold the support brackets to the frame. Now remove the hook bolt which has been holding the brake shoes tightly on the drum and attach the pull rod in its place.

Oiling Diagram



CAUTION—Many low priced oils and greases contain acids which eat into wearing parts instead of lubricating them. Therefore USE ONLY GOOD GRADE LUBRICANTS.

